

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

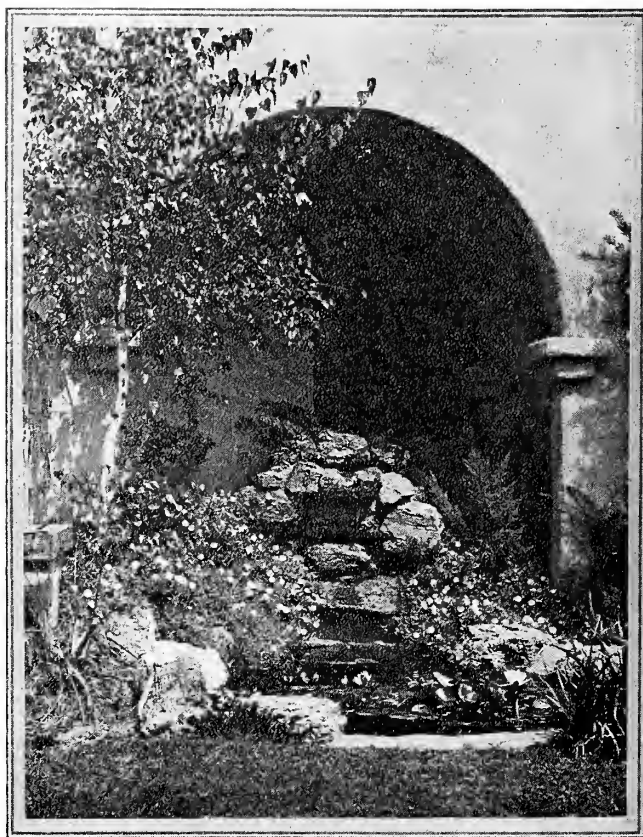
Petal from Flowerland

U. S. Department of Agriculture

1932
A New Year

Olympic
A New Rose

Paul J Howard's
Horticultural Establishment
Los Angeles



The Garden

The designing and laying out of the garden means more than merely planting. Well placed walks, drives, pergolas, tea houses, as well as properly located trees, shrubs and flower beds, increase both the appearance and usefulness. The charm of many a building is largely due to its landscape setting.

Our trained landscape men know your garden problems. They are thoroughly conversant with garden designing, planting and maintenance and are equipped to render valuable service to those who have either a new garden or an old one to care for.

If you contemplate the planning of a new home see us about the garden; if you are having trouble with your already planted garden, see us; or if you desire to revise or renovate your garden, a telephone call or a letter will enable us to get in touch with you quickly. We will gladly give you the benefit of our many years of experience.

PAUL J. HOWARD'S HORTICULTURAL ESTABLISHMENT

**250 South La Brea Avenue
LOS ANGELES, CALIF.**



NEW ROSE, OLYMPIAD

(MME. RAYMOND GAUJARD)

OLYMPIAD

The Sensation of the Rose World

NO OTHER rose since the introduction of the famous variety Los Angeles has caused such widespread enthusiasm as this new rose for 1932, Olympiad. It is a rose of such great beauty in color and form, and of such vigorous habit of growth that everyone will want several bushes of it in their garden. We have a limited supply of large, strong plants for distribution January 1st, 1932; we advise the placing of orders early to be sure of obtaining your plants this year.

Olympiad is the crowning achievement of the late Mr. Pernet-Ducher of Lyons, France, one of the world's greatest rosarians, and was exhibited in that country under the name of Mme. Raymond Gaujard, but has since been renamed Olympiad by the American introducers in commemoration of the Olympic Games, to be held in Los Angeles in 1932.

It is a vigorous growing bush, and free producer of exquisitely formed buds and blossoms on splendid long stems. It is beautiful in all stages of bloom and a good keeper when cut.

The long handsome buds are indescribably beautiful in form and glorious combinations of color, as reproduced on this color-plate. At certain times of the year the scarlet is toned with rich rosy carmine with a velvet sheen. The foliage is luxuriant, dark green.

Price \$2.00 each

**PAUL J. HOWARD'S
Horticultural Establishment
250 So. La Brea Avenue
LOS ANGELES, CALIF.**

**PAUL J. HOWARD'S STURDY
DORMANT ROSE-BUSH**



ROSES

The Rose finds its place in practically every California garden and is undoubtedly the most popular flower grown, and justly so for nothing else will give such bountiful returns from the amount of time and effort spent in its growing. Too often, however, the space allotted to this "Queen of Flowers" is hidden away in the rear garden, or other inconspicuous plot. The reason for this is that they are primarily grown to furnish cut-flowers for the table, and they thrive best in beds by themselves, where it is easier to give them the care they should have. But the rose is so free flowering and makes such a gorgeous showing that, in addition to growing them for cutting, they should be planted also where they can brighten the garden with their lovely flowers. There are many fine varieties which make a wonderful display of bloom throughout the greater part of the year. For this purpose the tree roses are eminently suited and should find a place in almost all landscape plantings, not only along walks and drives, but in groups in corners and in back of flower beds and perennial borders.

We are offering this year a carefully selected list of roses, choosing only varieties which through close observation have proven to us to be most satisfactory in every way. We have discontinued many of the older varieties which have been superseded by newer, superior kinds. There have been produced in recent years some wonderful new roses, and it will repay you many times over to pull out and discard from your garden any varieties which you now have with which you are not entirely satisfied, either with their habit of growth or blooming qualities, and replace them with some of the magnificent newer varieties.

Our rose bushes are grown on land which produces strong healthy growth, and we grade the plants rigidly, furnishing our customers with robust, branched bushes. These superior plants will make much more rapid development and bloom far better than would smaller and weaker bushes.

We can supply dormant roses in January and February only. After that time the plants are normally beginning their spring growth and any retarding of this growth to hold the plants dormant will decrease the vitality and subsequent spring growth. As soon as our roses are dug from the field (about January 1st) we plant all those which we do not expect to deliver dormant into containers, where they can make their early growth unchecked, and can then be delivered and transplanted successfully at any season of the year.

New Hybrid Tea Roses

These novelties are ones which have attracted much attention and won great favor in the rose fields and at various rose shows, as well as in trial gardens.

Autumn. The glorious combination of burnt orange and yellow, streaked with red, true autumn coloring, gives this rose its name. Its color tones are somewhat like those in the variety President Herbert Hoover, but the blending and the shape of the flower produce a very different effect. The buds are ovoid; the flowers double, medium sized and cup shaped, very lasting and fragrant. The bush is upright, a free bloomer and has leathery, disease resistant, glossy foliage.

Price \$1.50 each

Betty Sutor. We offered this for the first time last year and it won for itself immediate favor. It has an exquisitely formed flower of the type of the old favorite Mme. Abel Chatenay, but is such a decided improvement on that variety that it will undoubtedly replace it in most gardens. Long pointed buds open to large flowers with high pointed centers and reflex petals. The inside of the petals is a light rose-pink; the reverse is deep, bright rose. A vigorous grower producing an abundance of blossoms.

Price \$1.00 each

Bloomfield Flame. A handsome variety produced by Capt. George C. Thomas, Jr., of Beverly Hills. The flame red buds are long and pointed, opening to large fragrant flowers with 20 to 24 petals which gradually merge from flame-red to pink, with orange-yellow center. The bush is unusually strong and healthy, with abundant glossy dark green foliage and the flowers are produced on long smooth stems.

Price \$1.00 each

Caledonia. As we predicted last year this white rose is replacing many of the older white varieties. There is really no other white rose which has as many qualifications for a perfect garden rose. It has large, pointed buds with the outer petals gracefully rolled back and opening to very large, full flowers, lasting exceptionally well when cut. It is a continuous and free bloomer with long, sturdy stems. The flowers have a faint lemon tint when first opening, passing to pure white as they develop. In addition to its other qualities it is quite fragrant.

Price \$1.50 each

On Orders of Ten or More Roses of a Single Variety, or Assorted Varieties, We Allow 10% Discount; Fifty or More, 20% Discount.



Autumn

Lucile Rand. A splendid large flower; in color a lively bright rose-carmine. Its size and formation resemble Dame Edith Helen, but the color is much darker. The plant is a vigorous strong grower, and a free bloomer throughout the season.

Price \$1.00 each

McGredy's Scarlet. In Ireland where this rose originated, the color is a brilliant scarlet, but in this country its color is better described as a brilliant velvety carmine, slightly touched with crimson, with orange-yellow at the base of the petals. It is a rose of exceptional merit and should find a place in every garden. The buds are extremely long, and beautifully shaped, and the flowers retain their beauty from the tight bud stage until the petals are ready to drop. The stems are very long, and the foliage is dark green and mildew proof. The plant is of vigorous upright habit, free but continuous flowering. An exceptionally fine rose for cutting.

Price \$1.50 each

Mrs. Sam McGredy. The originators, Messrs. Sam McGredy, describe this novelty as "quite distinct from anything yet seen in roses, a wonderful dual combination of vivid shades. A beautiful scarlet-coppery orange is heavily flushed with Lincoln red on the outside of the petals, and these colors together give a rich and almost dazzling effect. The flowers are of large size and beautiful form, and they possess the proper fullness to make them useful for all purposes. They are very freely produced and delicately perfumed. The plant has a vigorous and exceptionally free habit."

Price \$1.50 each

Mme. Nicholas Aussel. This new rose for this year has attracted the attention of all who have seen it in the shows. The long shapely tapering bud is a bright coppery red, developing into a large full flower of an exquisite opalescent salmon pink. Growth vigorous.

Price \$1.50 each

Olympiad. See description on color plate.

Price \$2.00 each

Portadown Fragrance. A rose that is sure to please not only for its large size and beautiful form and its lovely bright orange-rose color, but also for its rich, penetrating perfume.

Price \$1.50 each

President Herbert Hoover. The reports from our customers who planted this new rose last year have been unanimously enthusiastic in their praise. It has proven to be a wonderfully strong grower in all localities, the bushes in many instances having grown from four to five feet high, with many strong branches, each producing a wealth of fine flowers on very long stems. The flowers are produced in great profusion throughout the season. The color is a wonderful combination of cerise-pink, flame-scarlet and orange-yellow of dazzling beauty. The buds are beautifully pointed, the petals recurving prettily as they open into large full flowers of fine form, composed of broad thick petals of great substance. Exquisitely fragrant.

Price \$1.00 each

Rosella Sweet. We sold a limited number of plants of this new rose last season, and it has proven to be a splendid rose. The large buds develop into well formed, attractive flowers of a rich, glowing, orange-yellow with a suffusion of delicate salmon pink, and have a delicious fragrance.

Price \$1.00 each

Schwabenland. If you like large, full buds and flowers of the type of Dame Edith Helen, you will surely want this new rose. The flowers are very large, over five inches in diameter, of great depth and substance, with a high spiral center, the petals having a twist and curl, giving the flower a graceful appearance. In color it is a luminous rich rose pink, considerably deeper in color than Dame Edith Helen, and it retains its brightness until the petals drop. The bush is strong and healthy and a perpetual bloomer.

Price \$1.50 each

Vaterland. There is much demand for very dark red roses, of the color of the old Black Prince, which is very little grown because it is not a free bloomer. Vaterland is the best rose of this color yet introduced. It is a rich, deep, velvety scarlet-maroon, splendidly formed with a high pointed center, and with remarkable keeping qualities.

Price \$1.00 each

W. E. Chaplin. This new red rose is coming into favor rapidly. It is similar to Lord Charlemont but a more vigorous grower, with healthy, disease resistant foliage. The flowers are large, every bud develops to a perfect, full, high centered flower, very lasting and moderately sweet scented, the color is deep crimson.

Price \$1.00 each

William E. Nickerson. Extremely brilliant and glowing in color; orange scarlet with carmine suffusion. Large ovoid buds develop into full double, high centered flowers. Very lasting and moderately fragrant, carried on long, strong stems. A continuous bloomer.

Price \$1.00 each

Choice Roses of Late Introduction

PRICE \$1.00 EACH

On Orders of Ten or More Roses of a Single Variety, or Assorted Varieties, We Allow 10% Discount; Fifty or More, 20% Discount.

Chas. P. Kilham. A brilliantly colored rose with long pointed buds, and splendidly formed full double blossoms, sweetly tea scented. The color is a rich oriental orange-red, flushed scarlet. The bush is upright and vigorous.

Duchess of Atholl. Beautiful buds and large cup-shaped flowers of unusual coloring; vivid bronze-orange, flushed old rose. Considered by many to be far superior to the variety Angele Pernet, which it resembles in color, on account of its robust habit of growth.

E. G. Hill. Red roses hold the lead over all other colors in popularity but there is always a difference of opinion as to which is the best dark red variety. Etoile de Hollande and E. G. Hill are the two that are gaining the most favor, although many rose lovers are still loyal to the older varieties Hadley and Hoosier Beauty. We prefer E. G. Hill because it is very lasting as a cut flower and does not fade or turn purplish with age. The flowers are large, full double, high centered, and very fragrant.

Golden Dawn. A magnificent new rose of Australian origin which is an ideal garden rose. The buds are an exquisite lemon color, with splashes of crimson before opening to full double flowers, fragrant, quite resembling the old favorite, Marechal Niel, but the bush is of strong, upright habit of growth, with large, healthy, glossy foliage.

Golden Glean. This rose, in spite of having had very little publicity has earned considerable favor as a garden rose. It has a very dainty bud, opening to full, medium sized flowers with a fruity fragrance. The color is bright buttercup yellow, the outer petals flushed scarlet, borne on long, strong stems. It is a vigorous grower and continuous bloomer. Foliage shiny dark green.

Hilda. A splendid rose of the type of Betty Uprichard but much larger and more double, and very lasting. The fragrant flowers are bright carmine, the inner petals shading to light pink. A very vigorous grower, and free blooming.

Impress. A rose of distinct coloring and formation. Its large, perfectly formed, double blossoms upon unfolding are rosy-red, with orange suffusion, and the full open flowers are camellia-shaped, a striking salmon-cerise, with an orange suffusion. They last an exceptionally long time after cutting.

I. Zingari. A novelty of the most vivid orange-scarlet, really a true vermillion in color. The brilliance of this coloring is not approached by any other rose. The flowers are semi-double, continuously produced in sprays of several blossoms. A most showy variety for bedding, and the sprays of buds when cut make striking floral decorations.

Joan Cant. A novelty of great value on account of its splendid color, exquisite formation, and strong vigorous growth. It is a rich shade of salmon pink; the formation of the petals is like the old favorite, Mme. Abel Chatenay. Intensely fragrant. Foliage disease resistant. Plant strong and vigorous in growth.

Joanna Hill. A fine yellow rose, in formation similar to Sunburst, but holds its color better. It has won much favor as a cut flower variety, grown under glass, and will prove equally valuable in the garden. Clear yellow in color, with an orange-yellow center. A vigorous upright grower producing its flowers singly, on very long stems.

Lady Forteviot. One of the most outstanding roses on our list. It is a color which immediately attracts attention, orange-yellow, flushed with apricot and cardinal red. The buds are large, and open to flowers of artistic formation, very lasting, with a delightful, fruity fragrance. Vigorous in growth, and a continuous bloomer.

Lady Leslie. Long pointed buds, opening to large, double, high-centered, very lasting flowers of brilliant rosy scarlet suffused with yellow at the base of the petals. This is a very meritorious variety because of its fine form, brilliant coloring, intense fragrance, and sturdy habit of growth.

Monarch. A splendid garden rose, and one that will furnish fine flowers for cutting. The color is a rich silvery pink, similar to the color in Mme. Caroline Testout, but the large buds are long and pointed opening to double, high centered flowers which are very lasting. The stems are long and stout and the bush is a vigorous grower.

Mrs. G. A. Van Rossem. A marvelously beautiful new rose of distinctive coloring, a most striking blending of dark vivid orange and apricot on a yellow ground with touches of bronze on the reverse of petals, the whole giving a copper bronze effect. The large, fragrant flowers are freely produced on good stems, on strong growing bushes.

Mrs. John Bell. A strikingly beautiful rose that is certain to become very popular. Vivid cochineal carmine, shaded lighter at the base of the petals. A most clear and beautiful color that does not fade. The buds are large, pointed and shapely, and open to full double cup-shaped, fragrant flowers. A profuse bloomer of sturdy habit of growth.

Polly. A charming rose of dainty coloring and prettily formed buds and flowers. The buds are long and pointed—similar in shape to the variety Ophelia, but fuller—golden yellow flushed with pink. The flower is double, and high centered, very fragrant, golden yellow at the base of the petals which are dainty pink and yellow. The stems are long and smooth and the foliage is bronzy green, leathery and disease resistant.

ROSES, by F. F. Rockwell. Tells just what to do with roses, with complete directions for rose care and culture, planting, propagation, protection from insects and diseases, and variety lists. 74 illus., 88 pages. **\$1.00**



Wm. E. Nickerson

Choice Roses of Earlier Introduction

PRICE 75c EACH

On Orders of Ten or More Roses of a Single Variety, or Assorted Varieties, We Allow 10% Discount; Fifty or More, 20% Discount.



Golden Dawn



Golden Glean

Angele Pernet. An entirely new color in roses, a vivid orange-flame, shaded deep, fiery apricot, with a gold suffusion on the outer petals. It has beautiful, glossy foliage, and is a very free bloomer. The buds are beautifully formed, and the open flower is moderately full.

Cuba. This new French rose is a glistening, bright vermilion-scarlet, overlying an orange ground. As a bedding rose it is unsurpassed, as the foliage is a pleasing dark green, accentuating the great brilliancy of the masses of bloom. The individual blossom is very large, fine in bud form.

DAME EDITH HELEN. This is the most outstanding new variety produced in recent years. It is practically a perfect rose from any standpoint. The blooms are large, and well formed, with petals gracefully recurving from a high pointed center. The color is a rich, deep, glowing pink, a shade that is pleasing to everyone. It holds its color well as the flower expands, and does not turn "blue" as is the case of some deep pink roses. In addition to the beauty of the blossom, it is deliciously fragrant; a few flowers will scent a whole room. The bush is a remarkably strong grower, with deep green leathery foliage, and it produces its flowers on long strong canes, after the manner of an American beauty.

Duchess of York. The buds are a beautiful rich orange, opening to large, full flowers of soft apricot pink. A variety of most dainty coloring.

Etoile de Feu. A very large, full, double flower, similar in shape to the variety Louise Catherine Breslau. It is a deep fiery orange, with shading of salmon. Foliage is beautiful and glossy, and the plant is a strong grower.

ETOILE DE HOLLANDE. This red rose is rivaling the popularity of the two varieties Hadley and Hoosier Beauty. It's dark red buds open to cup shaped blossoms of beautiful scarlet-red, which are distinctly fragrant. Erect in growth, and a very free bloomer.

FEU JOSEPH LOOYMANS. Here is a rose which has gained a high place for itself sheerly upon merit. Its buds are extremely long, and shapely, of a rich fiery apricot color, and the half-open flowers are beautifully formed. It is without peer as a cut flower, as each blossom is borne on long smooth stems, clothed with an abundance of clean, glossy-green foliage. The plant is mildew-proof, and a strong grower.

Imperial Potentate. Splendidly shaped buds, opening to well-formed large, double flowers of crisp, glistening rose-pink with silvery suffusion at the base of the petals, sweetly scented.

J. Otto Thilow. Rich glowing rose pink, with long pointed buds of perfect formation, opening to well expanded flowers, with reflex petals and a high pointed center. A strong grower with clean healthy foliage, and a profuse continuous bloomer.

Jules Gaujard. The large, well formed, double flowers on first opening are a beautiful shade of glistening cochineal crimson, which develops on opening to a pretty shade of orange-rose. It is a fine garden rose of vigorous branching habit, and free flowering.

LADY MARGARET STEWART. A new pernetiana hybrid, with the shiny, mildew-proof foliage characteristic of that class. It is very novel in color, being a deep sunflower yellow, heavily veined and splashed with orange-scarlet, with the reverse of the petals deeply suffused carmine. The full open, double flowers have an effect of deep cadmium orange. Sweet scented.

Louise Catherine Breslau. This rose is entirely distinct from all others. The buds are coral red shaded with salmon-yellow. The full bloom flowers are as beautiful as a water-lily of a superb shrimp pink shaded coppery orange and bronze yellow. There is no new rose which can take the place of this lovely variety; the bush is a strong grower in most localities, producing heavy canes and is very free flowering. The foliage is deep green, very glossy, luxuriant and disease resistant.

Lulu. In bud form, one of the most beautiful roses in existence. In shape it somewhat resembles Irish Fireflame, but is much larger and longer. Color is orange-red, shaded salmon pink and apricot. Very free flowering.

MARGARET McCREDY. A new introduction and in trials it has proven to be most brilliant, and distinct. Rich Turkish red, passing as the flowers age, to a beautiful carmine rose. The flowers are borne on long, stiff stems, and have good keeping qualities.



Etoile de Hollande

Mable Morse. Clear unfading golden yellow buds, and well shaped, fragrant flowers, borne on long stems above glossy, light green foliage. Believed by many to be the best yellow rose yet introduced.

Marion Cran. Described by the producers as the most wonderful color combination yet seen in any rose. Before the flowers expand the color is a deep buttercup-yellow, margined and flushed cerise and rosy scarlet. As the flower opens the outside of the petals retain their color while the inner side opens a brilliant geranium scarlet, flushed and veined orange and yellow. Habit is bushy, free and upright, making a magnificent garden rose, and a delightful cut flower.

MISS ROWENA THOM. A splendid new rose for cutting. Stems long and smooth, and the buds and expanded blossoms are perfectly formed. The color is a rich glowing carmine, with an orange suffusion, shading to golden orange at the base of the petals.

Mme. Alexandre Dreux. This rose has won immediate favor as a cut flower, it being in great demand at florists, for vases or corsages. The flowers are not very large, but are very artistic in shape, and the color is a shade that is in much demand. It is best described as being a tangerine-orange, which never fades. It is a very free bloomer.

Mrs. A. R. Barraclough. A distinctly new shade of soft carmine pink, with slight salmon tints, shading to yellow at base of petals. The very fragrant flowers are extremely large, and of great substance, and the buds are long and perfect. The bush is a very vigorous, upright grower.

Mrs. Erskine Pembroke Thom. Another yellow rose which, however, is entirely distinct; a clear, deep, canary yellow without shading. Will prove a valuable addition to our list of yellow roses. The buds are of good long shape, and develop into large, full flowers. Attractive foliage and free blooming.

Mrs. Henry Bowles. Handsomely formed, fragrant flowers, with high pointed center. Color is rose pink, shaded salmon and orange. Open blossom full and lasting. Free flowering and of upright growth.

Mrs. Henry Morse. Clear, bright rose, suffused with vermillion and with clear vermillion veining on the petals. Very vigorous in growth, free blooming and sweet scented.

Mrs. Lovell Swisher. Long, pointed, beautifully shaped buds of deep coppery-salmon, opening to perfectly formed, double, delightfully fragrant flowers of delicate salmon pink, passing to flesh-pink at the edges. A very strong, vigorous grower, with clean, bronzy foliage, and exceptionally free flowering.

Norman Lambert. Medium sized fragrant blossoms the inside petals of which are salmon-orange shaded yellow and bronze. The reverse of the petals are yellow, toned orange-scarlet and burnt orange. This rose is strikingly different.



Patience

Patience. This new rose of European origin has the most beautiful long, slender, pointed buds imaginable. They are a lovely shade of deep scarlet-carmine, overlaid with bronze. The open flowers have a bright orange shading at the base. They are borne on fine stems and are delicately fragrant.

REV. F. PAGE ROBERTS. A most beautifully shaped long bud and a full double flower of a rich orange-gold, shading to saffron-yellow; growth vigorous, and very free-flowering.

Souv. de H. A. Verschuren. Color is a deep golden yellow. The flowers are double, intensely fragrant, and come on long strong stems. A splendid addition to the yellow class.

TALISMAN. This has become one of the most popular cut-flower roses, on account of its unique coloring, which is quite changeable. The bud is golden yellow with a pink suffusion. The half open flowers are golden at the base, old rose at the edges. The buds are well formed, with gracefully curving petals. The growth of the plant is strong and vigorous, with clean, bright green foliage.

THE QUEEN ALEXANDRA. A brilliant flower of intense vermillion, deeply shaded old gold on reverse of petals, which spring from a pure orange base. The flowers are quite full and when half blown are bewildering in their beauty. Delightfully sweet scented.

Wilhelm Kordes. The large long pointed buds open to full, high-centered very lasting, and intensely fragrant flowers, golden yellow with coppery yellow at edges and on exposed petals. This color combination varies in each blossom. An abundant bloomer.

WM. F. DREER. The buds are long, pointed, rich in tones of pink and orange. As the flower develops, particularly in the half open bud, the center shows shades of rich orange, merging to yellow with the edges of petals beautifully rimmed with pink. Equally as good a grower as the Los Angeles.

HYBRID MUSK ROSES

Price \$1.00 each

These perpetual flowering roses are of shrub-like habit, and are valuable for planting in the shrubbery, where their deep green foliage and attractive flowers make a beautiful effect.

Cornelia. Always in bloom with fragrant rosette shaped flowers about three inches in diameter borne in clusters. Color strawberry flushed yellow.

Penelope. Semi-double shell pink flowers shaded saffron, in branched clusters.

General List of Well Known Varieties

PRICE 50c EACH

On Orders of Ten or More Roses of a Single Variety, or Assorted Varieties, We Allow 10% Discount; Fifty or More, 20% Discount.

Columbia. This beautiful rose is of strong vigorous habit, and exceptionally free-blooming. Extensively used for cut flower purposes. Flowers of good size, perfect form, both in bud and expanded. Color an exquisite shade of rose-pink.

General McArthur. A well-known favorite and one of the best all around bedding varieties in our collection. It is one of the earliest and most perpetual flowering sorts. Its flowers are of good form; of a warm, rich crimson-scarlet, and delightfully scented.

Golden Emblem. Long shapely buds of rich yellow, with flames of crimson on the outer petals opening to a delightfully fragrant, full, firm flower. The flowers are produced on upright stems well above the glossy green foliage.

Hadley. A magnificent red rose. Plant is a strong vigorous grower and produces dark, crimson-scarlet buds on long stems.

Hoosier Beauty. Beautiful, well shaped, long buds, and large full perfect flowers, of an intense, rich dazzling crimson-scarlet and deliciously fragrant. The plant is of vigorous growth and is conceded to be one of the best roses of its color.

Kaiserin Augusta Victoria. Soft, pearly white, tinted with just enough lemon in the center to relieve the white; remarkably fragrant, beautifully formed flowers on long graceful stems; a strong, free, healthy grower.

Los Angeles. This is one of the finest roses ever introduced. The bush is a vigorous grower, producing a continuous succession of long stemmed flowers of a luminous flame pink tinted with coral and shading to translucent gold at the base of the petals. The buds are long and pointed, and when fully expanded, they open into a flower of mammoth proportions. This is a rose that is beautiful from the opening of the bud until the last petals have fallen.

Maman Cochet. This is without doubt, one of the finest all around roses; hardy, vigorous grower, beautiful foliage. The bud is long and pointed, borne on long stems; color rose pink, the inner petals being a silvery rose shaded with golden-yellow.

Mlle. Cecile Brunner. This well-known variety needs very little description. Its dainty little flowers of perfect form are produced in graceful sprays. Color is a soft rosy-pink on creamy white ground. Heavy foliage.

Mme. Abel Chatenay. Carmine rose with salmon shadings; long pointed buds and double flowers, a strong grower, very free-flowering, and a favorite bedding variety.

Madame Butterfly. Color is a harmony of pink, apricot and gold. The flowers resemble Ophelia in form. It is a vigorous grower and a profuse bloomer.

Madame Edouard Herriot. A very strong and vigorous grower, branching habit and glossy green foliage. The buds are coral-red, shaded with yellow at the base, the open flowers of medium size, semi-double, are of a superb coral-red shaded with yellow and bright rosy scarlet.

Madame Jules Bouche. While not a pure white, it being at times slightly tinted with blush on the reverse side of the petals, it is considered one of the best of the white bedding roses. It is a strong grower, very free-flowering and very double.

Ophelia. This very floriferous rose has made such a record for itself that it qualifies to be classed with the very best. Flowers of perfect form, large size, are held erect on stiff, straight stems. In color a most pleasing tint of salmon-flesh shaded with rose.

PADRE. Most novel and attractive in coloring, with long petals of coppery-scarlet flushed with yellow at the base, produced on long shoots. Growth strong and upright and exceedingly free-flowering.

Radiance. An ideal bedding rose. Succeeds unusually well in hot summer when frequently many other varieties fail. In color it is a brilliant carmine pink, with salmon-pink and yellow shadings at the base of the petals.

Red Radiance. A counterpart of Radiance except in color, which is clear cerise red.

Rose Marie. This is without exception one of the most beautiful and satisfactory pink roses of late introduction. Its remarkable freedom of bloom, and its beautiful buds and well-formed flowers of a clear, deep pink, give it a premier place among roses.

Souvenir de Claudius Pernet. A rose of unusual beauty of form and coloring, and in great demand on account of its bright sunflower-yellow flowers which retain their color better than any other yellow rose, both in bud and open bloom. The buds are long, full and firm, and they come on strong, upright stems, with brilliant green foliage.

Six Lovely Single Roses

PRICE 75c EACH

Cecil. A most charming single rose, of a bright golden yellow color. The flowers are borne in large clusters, on long stems and have good keeping qualities. The bushes are of branching habit, and disease resistant.

Dainty Bess. This lovely single rose has created a sensation in England, and is becoming equally popular here. It is beautifully formed, with delicately crinkled and waved petals. In color it is most refined, with soft blush pink petals, and conspicuous crimson stamens. The flowers are borne in sprays, making exquisite individual displays, lasting well when cut.

Irish Elegance. A beautiful single rose, in color apricot shading to bronze at base.

Irish Fireflame. A glorious single flowering variety, bearing its flowers in clusters of five or more; splendid for cutting in sprays in bud form. These buds are a rich deep orange, splashed with crimson, opening to a large single flower of a satiny old gold, shaded with ochre.

Isobel. This is truly one of the most beautiful single roses ever developed. In color an orange terra-cotta tipped with rose, with brilliant stamens in center. Good foliage, vigorous plant.

Vesuvius. Bright crimson-scarlet, buds and open flowers of exquisite form and substance.



Isobel

Hybrid Perpetual Roses

PRICE 50c EACH

On Orders of Ten or More Roses of a Single Variety, or Assorted Varieties, We Allow 10% Discount; Fifty or More, 20% Discount.

This is a very hardy class of roses, forming tall bushes with heavy dark green foliage. They bloom very freely in the spring, and again in the fall. The flowers are very large, full and double, borne on tall canes.

Frau Karl Druschki. The ideal hardy white rose. Pure in color, strong grower and remarkably free-flowering. Sometimes called the White American Beauty.

Gloire de Chedane Guinnoiseau. Hybrid perpetual type. Large bright red blooms, on long stiff stems. Not a free bloomer.

George Ahrens. Sometimes called Pink Frau Karl Druschki, which it resembles, except in coloring, which is a soft silvery pink.

Ulrich Brunner. Very long stem. In color like American Beauty, with which rose it is sometimes confused.

Mme. Albert Barbier. This is much like the well known hybrid perpetual, Frau Karl Druschki, in growth, but is very free flowering. The flowers are large, and the buds are perfectly formed. The buds are a light yellow, shaded apricot and orange, while the open flowers are a light salmon pink, shaded apricot at the base of the petals. A most unique and beautiful combination of color.

Paul Neyron. A great old favorite. Dark rose, of enormous size. Very double, highly scented. One of the best of the hybrid perpetual type.

CLIMBING ROSES

Climbing roses are becoming more freely planted every year, and they add immeasurably to the colorful beauty of the garden. They find many uses, such as covering trellises, arbors, pergolas, and fences. There have been developed many beautiful ever-blooming climbers, which are particularly adapted to the California climate, and in addition to their attractiveness in the garden many varieties furnish a wealth of flowers for cutting.

NEW CLIMBING ROSES

Cl. Etoile de Feu. A vigorous climbing sport of this lovely flaming orange colored variety, producing a wealth of large cup shaped flowers. The foliage is unusually clean and glossy.

Price \$2.00 each

Cl. Mrs. Lovell Swisher. Long, pointed, beautifully shaped buds of coppery salmon, opening to perfectly formed flowers of delicate salmon pink, passing to flesh at the edges. The flowers are borne on long stems, and resemble Belle of Portugal, but the vine is practically everblooming.

Price \$1.50 each

Edna Thomas. Brilliant crimson-scarlet flowers with considerable orange in the color. Very large, of fine form, fragrant, and the stems long. Splendid for cutting, and a continuous bloomer.

Price \$1.00 each

Sophie Thomas. Lovely long buds of orange, opening to full, large flowers of light yellow. A wonderful rose for cutting.

Price \$1.00 each

General List of Fine Climbing Roses

Banksia. White. A rampant climber, thornless with distinctive foliage, and clusters of small pure white, fragrant flowers.

Price 50c each

Banksia. Yellow. Identical to the white variety, except that the clusters of flowers are lemon yellow and sweetly violet-scented.

Price 75c each

Belle of Portugal. This splendid rapid growing climber has come to be the most popular variety on our list. Everyone likes the beautiful long buds of delicate pink, shaded salmon and the very large full flowers which are freely produced from January to June on long smooth stems. The foliage is bright glossy green, making the vine very desirable for covering fences and arbors.

Price 50c each

Mermaid. Makes a beautiful vine with deep shining green foliage; young shoots tinged red. The single, open flowers are pale sulfur-yellow 5 to 6 inches across, with amber stamens. Fragrant.

Price 75c each



Mermaid

Climbing Roses (Continued)

Chaplin's Pink Climber. A cross between Paul's Scarlet Climber and American Pillar, it inherits the best qualities of each. The flowers, borne in clusters of 8 to 12, are large, semi-double and flat, extremely lasting, clear soft pink with golden yellow stamens. It is a vigorous grower, with abundant, healthy foliage.

Price 75c each

Cherokec. A rapid climber, with bright shining green foliage, and large, waxy single flowers, White, pink or red.

Price 50c each

Cl. Cecile Brunner. This well-known variety needs very little description. Its dainty little flowers of perfect form are produced in graceful sprays. Color is a soft rosy-pink on creamy white ground. Heavy foliage. Thrifty climber.

Price 50c each

Cl. Claudius Pernet. A vigorous climbing form of this popular sunflower yellow variety. The flowers are even larger and of better color than those of the bush form.

Price 75c each

Cl. Gen. McArthur. The flowers are the same rich red as in the bush; a satisfactory climber.

Price 75c each

Cl. Golden Emblem. A most valuable addition to our list of climbers. It is a vigorous climber, and produces a profusion of its beautiful deep golden yellow flowers, even larger and finer than the bush form.

Price 75c each

Cl. Hadley. One of the most beautiful deep red climbers. Flowers are identical with the bush variety, coming on very long stems.

Price 75c each

Cl. Hoosier Beauty. The Climber is the counterpart of the bush Hoosier Beauty. Splendid clean foliage and heavy bloomer. The rich velvety crimson is vivid and lasting. Long stems.

Price 50c each

Cl. Irish Fireflame This makes an extremely beautiful climber. The foliage is very shiny and bronzy. The flowers are the same as in the bush variety.

Price 75c each

Cl. Kaiserin A. Victoria. One of the best white climbers.

Price 50c each

Cl. Lafayette. (Auguste Kordes). Very similar to Paul's Scarlet but a perpetual bloomer. Light glowing scarlet in color.

Price 75c each

Cl. Los Angeles A beautiful new sport from the bush, with all the beauty of that famous variety in a vigorous climbing form. Luminous flame pink with a golden coral suffusion.

Price 50c each

Cl. Mme. Edouard Herriot. The climbing form of this most popular brilliant rose, is a very showy thing. Free blooming.

Price 75c each

Cl. Radiance. Radiance is one of the most popular roses grown, because it succeeds everywhere. The flowers in the climbing form are identical to those of the bush.

Price 75c each

Cl. Red Radiance. A vigorous climber, same as Radiance except in color.

Price 75c each

Cl. Rose Marie. This is probably the most valuable addition to our list of climbers made in recent years. The flowers are exactly like the well known and increasingly popular bush variety, and are a beautiful shade of clear, glowing rose pink. The shape of the flower is ideal and the stems are good, making it very valuable for cutting.

Price 75c each

Dorothy Perkins. The well known rambler with profuse clusters of bright rose-pink, double flowers. Mildews badly in some localities.

Price 50c each

Marechal Neil. A favorite old variety with beautiful golden yellow, very fragrant flowers.

Price 50c each

Mme. Jenny. Pretty cup-shaped blossoms, about 2½ inches across, full and double are produced in clusters of from 5 to 7. These clusters make a profuse display of satiny rose color. A vigorous climber, with disease resistant foliage.

Price 75c each

Paul's Scarlet Climber. Without doubt this is one of the best new climbing roses introduced. It cannot be excelled for brilliancy of color, which is vivid scarlet. Flowers are of medium size, semi-double, very freely produced in large clusters, the plants being literally covered with flowers. Of strong climbing habit and perfectly hardy.

Price 50c each

Primrose. A rose which resembles the Ramblers, but is yellow in color. The flowers are full and double, medium sized and borne in clusters. Foliage glossy and abundant, mildew proof. A vigorous climber.

Price \$1.00 each

Silver Moon. Beautiful semi-double flowers, pure white in color; petals of great substance, beautifully cupped. The large bunch of yellow stamens in the center adds to its attractiveness.

Price 50c each

Souv. de Claudius Denoyel. Buds very large, long and pointed opening to huge cup shaped flowers of brilliant velvety red tinted with vermilion. Produced on long stems throughout the year. A vigorous climber.

Price 75c each

Thelma. A rose of rare color for a climber. It is a rich coral pink with a slight crimson suffusion as the flowers age. They are large, semi-double in clusters, and last in bloom for two weeks. Really a wonderful climber.

Price 75c each

Polyantha Roses

PRICE 50c EACH

The value of these lovely everblooming roses, both for garden decoration, and in furnishing sprays of beautiful blossoms for cutting is becoming more and more appreciated each year. They are very thrifty growers and bloom for a longer period of time than any other flower we know. For mass effects in beds and borders they are unexcelled, and everyone admires their brilliant blossoms in floral decorations.

Gloria Mundi. Flowers full, double, most brilliant orange-scarlet, borne in many flowered graceful sprays.

Golden Salmon. The brilliant coloring of this little gem is different from all other roses. It is a rich golden orange in color and the vigorous-growing plant is never out of bloom.

La Fayette. The sprays of this variety much resemble Paul's Scarlet Climber, but the bush is everblooming.

Johanna Tantau. Very pretty double flowers of fresh rose pink, yellowish at the base, clear white when fully open.

Magnifique. The flowers are a lovely pink color, like Dorothy Perkins, with wavy petals.

Pink La Fayette. The lovely semi-double flowers are a delightful shade of rose-pink, a color that is always pleasing. These sprays of blossoms make beautiful and lasting bouquets.

Salmon Spray. A very vigorous growing bush, producing its many flowered sprays of single, rich salmon blooms, with carmine reverse on strong, tall shoots.

TREE ROSES

The tree-shaped or standard roses are most valuable in garden decoration in many ways. They are particularly fitting in formal plantings, along walks and drives, and also may be used with beautiful effect in groups in the lawn or flower beds and among shrubbery. They are easily cared for and make a lovely display of flowers throughout the year.

Our tree roses this year are unusually fine, having sturdy standards, straight and smooth, and are budded to a uniform height (40 to 42 inches). The crowns are well developed and symmetrical.

Tree roses may be handled successfully while dormant, during January or February, which time is the best if they are to be shipped to any distance. For local plantings we prefer to deliver the trees when established in 5-gallon containers. In this manner they are very readily transplanted to the ground.

Our tree roses are grown in the varieties that make the best crowns including the following varieties, descriptions of which you will find in the list of bush roses:

Angele Pernet
 Souv. de Claudius Pernet
 Dame Edith Helen
 Etoile de Feu
 Feu Joseph Looymans
 Hadley
 Hoosier Beauty
 Kaiserine Augusta Victoria
 Los Angeles
 Margaret McGredy
 Padre
 Rose Marie
 Talisman
 Wm. F. Dreer

L. C. Breslau
 Cuba
 Duchess of Atholl
 Etoile de Hollande
 Golden Emblem
 Mme. Edouard Herriot
 Imperial Potentate
 Mrs. Lovell Swisher
 Lulu
 Mrs. E. P. Thom
 Radiance
 Red Radiance
 Ville de Paris
 Queen Alexandra

Price \$2.50 each, 10 for \$22.50



Superior Rose Bushes

Careful buyers will note that the bushes which we sell are carefully graded in the fields, discarding all undersized plants, and retaining only those that are well developed and well branched. There is much variation in size in a field of two year old rose-bushes, and naturally the ones that have made the best development are the ones that have the most vitality, and will continue to be the most robust when transplanted into the rose garden.

It's the root. Our roses are grown on special root stocks which form vigorous, branching root-systems, thus supplying extra strength to the tops.

It's the bud. Great care must be taken in the selection of budwood to be assured of strong bushes and the best blooming qualities. In the growing of our roses the budwood is most carefully selected, and is low-budded on the root stock, which is first carefully de-eyed to prevent sprouting below the bud.

There are less costly methods of growing roses, but a rose is a near-permanent feature of the garden, and a well grown bush will bring such lasting joy and satisfaction that we feel that any less thorough methods would result in much possible annoyance and disappointment to our customers.

PERENNIAL FLOWERING PLANTS

Novelties and Specialties

We are constantly endeavoring to produce and obtain from every possible source new and improved types of perennial flowers adapted to California gardens, and present herewith a list of some of the finest of these valuable subjects ever offered.

PERENNIAL ASTERS

Fall Flowering Hardy Asters or Michaelmas Daisies. If one has ever seen the glorious effects of a mass planting of these hardy perennial asters, they will not fail to make a planting of them in their garden. They are among the showiest of our late flowering hardy plants, giving a wealth of bloom in late summer and fall, a season when most other perennials are past blooming. They grow from two to five feet high according to the variety, blooming profusely over the entire plant. For best effect they should be planted in masses of one color. Their effect is as pleasing as a mass of Delphinium, as a substitute for which they are very valuable, both in the garden and for cutting, and they bloom at a time when Delphinium is scarce.

They grow freely in any soil in a sunny place, and if the stems are cut down after the first blooming, they will bloom again.

Our collection is made up of the choicest varieties.

Climax. Large pyramidal spikes of large lavender-blue flowers. Height four feet.

White Climax. A counterpart of the above with white flowers.

Little Boy Blue. One of the most beautiful of all; rich blue in color, symmetrical in form. Valuable for planting in the foreground growing two feet in height.

Ryecroft Pink. Large bright rosy-pink flowers. Height five feet.

St. Egwin. A pleasing soft rosy-pink. Height three feet.

Ryecroft Purple. Large, rich blue-purple flowers. Five feet.

Novae Anglae Rosea. Bright purplish mauve. Three and one-half feet.

Mesa Grande Speciosa. Large dark purple flowers, blooming late, October and November. Three feet.

Price: Large clumps in 4" pots, 25c each, \$2.50 per doz. \$18.00 per 100



Perennial Aster

ALPINE ASTER

Sub-caeruleus. A lovely thing for cutting and splendid in the rockery, or perennial border. Forms a dense tuft of leaves from which issue many smooth stems twelve inches high bearing through the summer pretty violet-blue flowers, about three inches in diameter, with bright orange centers.

Price: Large Plants, 25c each, \$2.50 per dozen
\$18.00 per hundred

JAPANESE ASTER

A most desirable new variety from Japan. Plants are of symmetrical habit, about two feet high, freely producing small, double white flowers from July to September. A valuable perennial for the border, and the cut sprays are delightful in bouquets.

Price: Large Plants, 25c each, \$2.50 per dozen
\$18.00 per hundred

ASTER MAUVE CUSHION

An entirely distinct species from Japan forming compact cushion-like plants two to three feet across, six to eight inches high. The flowers measure about one and one-half inches in diameter and are produced in such lavish profusion as to entirely cover the plant. They are a lovely soft mauve in color, with a silvery reflection. Blooms from early October till late in November.

Price: Large Plants, 25c each, \$2.50 per dozen
\$18.00 per hundred



Japanese Anemone

JAPANESE ANEMONES

(Windflower)

The Japanese Anemones are some of the most valuable perennials we have, blooming as they do from August into winter, and being adapted to planting in shady places, where it is often difficult to get other flowers to grow. Our new improved varieties have much larger, waxy flowers than the older types and they are produced in great profusion in masses on tall stems above the dark green, glossy foliage. They make most beautiful beds and are excellent for cutting.

Louise Uhink. Very fine double pure white.

Montrose. Clear light pink.

Queen Charlotte. Graceful semi-double flowers, La France pink.

Rubrum. Beautiful rosy red; bright yellow stamens.

Whirlwind. Very large, semi-double, pure white with yellow center.

Strong Field-grown Plants, transplanted into 4-inch pots
 35c each, \$3.50 per dozen

ANEMONE HUPEHENSIS

A miniature form of the Japanese Anemone, growing ten to twelve inches high. Excellent for planting as a border to the larger Anemones, and in the rockery. Bears pretty mauve-rose flowers in great profusion.

Price 35c each, \$3.50 per dozen

PERENNIAL GARDENS, by H. S. Ortloff. Simple directions insure a garden crowded with bloom, in which the colors make a perfectly blended picture. First come plans, showing how to lay out the garden; then clear directions for preparing the soil, fertilizing, planting, cultivating, etc. 18 illus., 90 pages.—\$1.25

GAILLARDIA PORTOLA

While new Gaillardias are frequently being produced none has ever been introduced which can equal the true Gaillardia Portola. The plant, unlike the usual type which is inclined to be straggly, is of strong upright habit with heavy leathery glaucous foliage. The long flower stems are straight and strong, and hold the massive flowers erect. These flowers are of extraordinary size, three inches and over in diameter; the petals very broad, overlapping and of great substance, and have a slight twist, forming a flower of graceful, fluffy appearance. In color it is a rich copper scarlet, each petal heavily tipped with gold. As a cut flower it is unequalled.

While there are offered plants of Portola seedlings, there is much variation in the plants so raised, and possibly none of them would be like the true Portola, which can be reproduced only by cuttings or divisions. We have strong, divided field plants, established in four-inch pots.

Price 35c each, \$3.50 per dozen

PERIWINKLE

(Vinca rosea—Bush Vinca)

Comparatively little grown a few years ago, this free flowering Bush Vinca has now proven to be a valuable free-flowering perennial for brightening the shrubbery border. The Phlox-like flowers are produced in such profusion as to cover the little bushes with a mass of bright rose or pure white blossoms.

Blooming Plants in 4 inch pots, 25c each
\$2.50 per dozen

HELIOTROPE

A collection of the finest sorts.

Heliotrope is an old favorite bedding plant, and is very useful in many parts of the garden, either in masses or as individual plants or groups.

Our improved types have very large flower clusters, and the plants are of splendid habit and form. Their delightful perfume makes them very desirable in the garden.

Lueur d'Opale. A compact growing plant with large trusses of pale blue flowers.

English Hybrids. Tall growing, robust plants with very fragrant flowers in various shades of lavender and purple.

Queen Margaret. Rich deep purple flowers in huge trusses on dwarf, shapely plants. Our most popular variety.

Snow Wreath. White flowers with a faint lavender tinge. The most fragrant of all.

Souvenir. A new variety with gigantic trusses of deep lavender-violet blooms. Intensely fragrant. The plants are very vigorous growing.

Price: Splendid plants in 4-inch pots

25c each, \$2.50 per dozen

LOPEZIA

(Mosquito Vine)

Albiflora. For window boxes and hanging baskets this is one of the loveliest subjects we have. During the winter and spring the trailing plants are completely smothered with myriads of dainty little pink blossoms, shaped something like a mosquito, hence the name. It is very showy and pleasing and also makes an effective ground cover.

In 2¼-inch pots, 15c each, \$1.50 per dozen

Splendid blooming plants in 3-inch pots,

20c each, \$2.00 per dozen

NEW HYBRID TRITOMA

Paul J. Howard's Hybrids. These are rather dwarf growing Tritomas with very pretty spikes of bloom in various shades of scarlet, orange and yellow. They are most attractive for cutting and useful in the perennial border.

Price 50c each

NEW BLUE AFRICAN DAISY

(*Dimorphotheca eklonis*)

"STAR OF THE VELDT"

Called Blue African Daisy because of the deep blue center or disk and the steel-blue reverse of the pure white petals. The flowers have much more substance and refinement than the common African Daisy (*Arctotis grandis*) and are borne on stems of good length for cutting. The plant grows readily in any sunny location, reaching a height of eighteen to twenty-four inches, and the flowers are very freely produced.

Plants in 2¼ inch pots,

15c each, \$1.50 per dozen

Large blooming size plants in 4-inch pots, 25c each, \$2.50 per dozen



Star of the Veldt

New Dwarf Hollyhocks

A splendid Double Hollyhock which does not grow more than four or five feet high, making a valuable perennial for lower background planting against walls and in beds. Mixed colors.

In 2¼-inch pots

Price 15c each, \$1.50 per dozen

NEW CARNATIONS

For garden culture these highly improved carnations are unexcelled in fragrance, color, size and form. Our list embraces a complete range of colors; each is the outstanding variety of its color. These are well established pot plants.

Betty Lou. Deep rich rose in color, prettily ruffled and fringed.

Price 20c each, \$2.00 per dozen

Early Dawn. An unusual combination of apricot yellow, variegated with orange and red.

Price 25c each, \$2.50 per dozen

Eldora. A prettily variegated variety. The petals are pure white, daintily penciled with scarlet.

Price 20c each, \$2.00 per dozen

Laddie. An unusually fine variety. The flowers are phenomenal in size and have stems of great length. The color is a soft salmon pink.

Price 25c each, \$2.50 per dozen

Maine Sunshine. The best of the yellow carnations. The plant is a vigorous grower after it is once rooted. The flowers are large, pure lemon yellow, on long stems.

Price 25c each, \$2.50 per dozen

Potentate. A large carnation of a rich rosy mauve color, a near approach to purple, a shade that blends well and is unusually beautiful under artificial light.

Price 20c each, \$2.00 per dozen

Spectrum. A rich glowing scarlet, unmatched for fragrance.

Price 20c each, \$2.00 per dozen

White Ward. A carnation of fine form, with beautifully fringed petals. Pure snowy white.

Price 20c each, \$2.00 per dozen

Woburn. Rich deep maroon red. Extremely fragrant.

Price 25c each, \$2.50 per dozen

Collection—2 each of the above splendid novelties (18 plants) for \$3.50. 5 each of the 9 varieties (45 plants) for \$7.00



HARDY PERENNIAL PHLOX

A SELECT COLLECTION

For enchanting fragrance and bright lasting color nothing surpasses them. They bloom from late spring until fall, bringing lasting joy to the lover of colorful gardens. They are striking in masses especially against a shrubby background.

Plant them in a sunny location in good, well drained garden soil and they will become more beautiful year after year.

B. Compte. A beautiful shade of purple, overlaid with crimson, with a very dark eye.

Bridesmaid. Pure white, with well defined crimson eye.

Crepuscle. Shading from a deep crimson center through rose-lilac to a white edge.

Eclaireur. Brilliant rosy magenta, with large lighter halo.

La Vague. Pure mauve, aniline red eye.

Mrs. Jenkins. Tall, pure white.

Obergartner Reichenau. Extra large, bright rose flowers.

Pantheon. Bright rose-pink, very beautiful.

Prof. Schielemann. A tall variety, with beautiful lilac rose flowers.

Rheinlander. A pleasing salmon pink.

Rynstrom. Deep salmon rose.

Selma. Clear bright rose.

Price 25c each, \$2.50 per dozen

THE NEW DOUBLE TRANSVAAL DAISY



DOUBLE GERBERA HYBRIDS

A marvelous
flower for
cutting

This new Gerbera is without doubt the most distinctive and valuable novelty that has been introduced in recent years. It is the result of much painstaking selection to produce flowers of true double form and graceful beauty. No other flower has attracted more favorable attention in the last two years. Its value for cut flower purposes is evident; the stems are long, the petal formation is artistic and the colors are clear and beautiful, ranging from delicate pink shades, through deep glowing rose to light scarlet with many intervening shades, including salmon. These qualities alone would commend these flowers for

cutting, but in addition they are extremely lasting, keeping in water for a week or ten days in perfect condition.

The plant is perennial, and blooms throughout the year, thriving best in a sunny place in well drained, preferably sandy soil.

The plants are propagated chiefly from divisions, a rather slow process, therefore they will always be scarce and somewhat costly.

**Strong field grown clumps, in large pots, at the special price of
50c each, \$5.00 per dozen**



Polyanthus Primrose

PRIMROSES

We have an unusually fine collection of these charming flowering plants which are valuable for pot plants, or for bedding in shady places. They are among the most useful winter and spring flowers in California, and some of them bloom throughout the summer. They thrive best in soil that contains considerable leaf mold or peat.

Auricula. (*Primula auricula*). A new variety which we have found to be particularly successful in the garden. It is an almost continuous bloomer and an extremely beautiful thing. The flowers are larger than the Polyanthus or Cowslips, and come on long stems with many flowers on one stem. The colors are distinct and different, ranging from the richest coppers and bronze, through rose, pink, lavender, violet and bright yellow and all have a contrasting zone or eye in the center. Delightfully fragrant.

In 2 1/4 inch pots, Price 15c each, \$1.50 per dozen

In 4 inch pots, Price 25c each, \$2.50 per dozen

Primula obconica. This is the variety generally grown as pot specimens, as they make beautiful blooming plants for house decoration. It is also splendid in the shady flower bed where it is a constant bloomer throughout the winter, spring and even into summer. Our strains have magnificent large blooms in beautiful rose, pink, crimson and lavender shades.

In 2 1/2 inch pots, 15c each, \$1.50 per dozen

Blooming plants in 4 inch pots, Price 25c each

\$2.50 per dozen

Kew Garden Primrose. (*Primula kewensis*). A splendid winter and spring bloomer. The bright yellow flowers are borne in several whorls, or large clusters around a tall smooth stem, and are bright yellow in color and fragrant.

In 2 1/2 inch pots, Price 15c each, \$1.50 per dozen

In 4 inch pots, Price 25c each, \$2.50 per dozen

Polyanthus. (*Primula polyantha*). We grow the improved English strains. The brightly colored flowers are in large clusters and include a wide range of hues, reds, yellow, rose, and combinations of these colors.

In 2 1/4 inch pots, 15c each, \$1.50 per dozen

In 4 inch pots, 25c each, \$2.50 per dozen

Chinese Primrose. (*Primula sinensis*). One of the most beautiful of all Primroses and a favorite for winter and spring blooming. Especially valuable as a pot plant or for the shady out-door bed. Our strains of this lovely Primrose produce large trusses of beautifully shaped flowers, with fluted edges. The colors are rich and varied, and include deep crimson, rose, salmon pink, white and blue.

In 4 inch pots, blooming size

Price 25c each, \$2.50 per dozen



Primroses in Rockery

GERANIUMS

Such great strides have been made in recent years in the improvement of the Geranium, that these showy flowers are regaining the popularity that they enjoyed in the earlier days in California. The Geraniums are now finding wider variety of uses than ever, in beds, borders and in ornamental pots. They are indispensable in Spanish gardens and in adding the necessary color to Spanish architecture.

We offer a collection of improved newer varieties which will produce a continuous display of gorgeous large flowers.

Improved Single Varieties

Alice of Vincennes. The blending of color in this variety is very striking. Pure white at the center, merging through deep rose to bright red at the edge.

Jacquerie. An unsurpassed rich velvety scarlet variety. Immense trusses of glowing flowers on long stems.

Marguerite de Layre. An unusually attractive and pleasing pure white variety. Free flowering.

Mrs. E. G. Hill. An exquisite shade of soft, light salmon; does not fade in the sun. This variety is always in great demand.

Mrs. W. Kent. Bright Poinsettia red. Dwarf growing and a splendid variety for growing in pots. A dependable winter bloomer.

Mrs. Brown Potter. The clearest pink variety known; beautiful bright rose-pink. Splendid as a pot plant.

Maxime Kovalesky. A most distinct and striking variety, a color that immediately arrests the attention. It is a most brilliant orange-red, almost a true orange color. There is no other Geranium like it. A vigorous grower with handsome foliage.

Pamela. Very attractive flowers, rich crimson with white centers. Fine for pot plants or bedding.

Susan Leepre. A rare and most beautiful variety; a lovely shade of salmon with a golden orange suffusion. Robust, compact grower.

Choice Double and Semi-Double Varieties

Alphonse Ricard. Handsome, perfectly formed semi-double flowers of bright orange-scarlet, produced in great profusion on compact bushes. Foliage luxuriant, bright green, with zonal marking.

American Beauty. Dark scarlet-cerise; a very free bloomer. Its dwarf habit makes it an excellent variety for growing in pots.

Appleblossom. Very pretty double flowers, pink shading to white.

Beaute Poitevine. Semi-double. A most dependable variety, one that can be relied upon to freely produce its lovely rosy salmon-pink flowers, slightly shaded orange.

California Beauty. A lovely new variety, and the only double geranium that is a real clear rose-pink in color. The flowers are of immense size and are produced in great profusion.

Fiat. The queen of salmon pink geraniums. The plant is of bushy compact habit, has exceptionally clear foliage and the flowers are large and beautifully clustered. A free bloomer.

Helen Mitchell. A choice clear scarlet variety, considered the best of its color.

Mme. Barney. A lively shade of pure pink. A favorite since its introduction. Very fine as a pot plant.

Mme. Buchner. Snow-white flowers produced in large trusses.

Mons. Emile David. A most unusual color. The very large flowers are mauve-rose, lightly feathered white.

Radio. A splendid new rich velvety red geranium. Excellent as a pot plant.

S. A. Nutt. The darkest red geranium of all, rich, deep velvety crimson.

Price of the above Geraniums:

2 1/4-inch pot plants—15c each, \$1.50 per dozen
\$10.00 per 100

4-inch pot plants—25c each, \$2.50 per dozen
\$18.00 per 100



Fancy Leaved Varieties

Especially fine for pot plants

Jubilee. Salmon flowers; rich golden bronze foliage with deep chestnut zone.

Mrs. Pollock. An exquisite variety. The foliage is bronze, zoned with crimson and edged golden yellow.

Price—4-inch pot plants:

35c each, \$3.50 per dozen, \$25.00 per 100

PELARGONIUMS

Martha Washington Geraniums

The Pelargoniums make an effective display of bloom from spring until late in fall, and are very easily grown. If kept trimmed into shape they make beautiful flowering plants in pots. Our collection is made up of the finest large-flowered varieties. Flowers are gorgeous in coloring.

Bertha Wagner. Very dainty azalea-like flowers; deep carmine-rose, edged white.

Carl Holzman. Rich deep scarlet flowers, handsomely blotched black on upper petals.

Champion. Extra large flowers, white shaded blush; upper petals lightly flaked with red.

Dorothy. Lovely soft pink, with deeper pink blotches.

Easter Greeting. Bright cherry red, center of each petal deep maroon.

Lucy Becker. Orchid pink, with dark maroon center.

Mabel. Lower petals bright rose, upper ones velvety black-maroon. A beautiful combination.

Milton. Bright pink, upper petals blotched with crimson.

Mrs. Krumb. Pale soft rose, upper petals blotched deep purplish red.

Wurtembergia. Bright carmine, with sharply defined velvety blotch in center of each petal. Very effective.

Well grown, shapely plants of any of the above varieties, in 4-inch pots.

25c each, \$2.50 per dozen

IVY LEAVED GERANIUMS

The Ivy Leaved Geraniums are especially adapted for window boxes, pots, and for covering banks, hillsides and parkways on account of their trailing habit. The foliage is bright shiny green.

Chas. Turner. The best known and the finest of all rose-pink Ivy Geraniums. Growth luxuriant, and a prolific bloomer.

Caesar Frank. Soft rich crimson. Very fine.

Jeanne d'Arc. Soft lavender, healthy glossy green foliage, exquisite color and habit.

Joseph Warren. A distinct and striking variety; large rich purple flowers.

Variegated. A rare and beautiful novelty; habit of growth like Chas. Turner, but the flowers are handsomely variegated. They have a white ground, with flakes and pencilings of rosy crimson. Some flowers will be half white and half crimson, and others all white or all red.

**Price: 2 1/4 inch pot plants, 15c each, \$1.50 per dozen
\$10.00 per 100**

**Large plants in 4-inch pots, 25c each, \$2.50 per dozen
\$18.00 per 100**

PATIO GARDENS, by Helen M. Fox. Spanish gardens and garden art offer many opportunities and possibilities to gardeners—particularly in the South and Southwest and in cities. Contains accurate descriptions, pictures and plans of patios, pools, flowerpots, balconies, stairways, fountains, tiles, and wrought-iron with clear-cut suggestions for their use. 98 illustrations, 247 pages. Beautifully bound. **\$6.00**

VERBENAS

An Unexcelled Collection of Mammoth-Flowering Types

One of the most popular plants grown. For beds, borders and window boxes it is particularly fine. The clusters of showy and often fragrant flowers are borne in constant succession almost the year 'round.

Our mammoth strain has immense heads of bloom, the individual florets often as large across as a half-dollar.

Beauty of Oxford. Splendid light rose-pink.

Blue Triumph. A splendid new color, the nearest approach to true blue in verbenas. Deep lavender-blue self-color.

Crimson King. Huge blossoms of deep, rich crimson. A bed of this color is dazzling in beauty.

Ellen Wilmott. Rich deep rose-pink.

Lavender Queen. A beautiful shade of pure lavender.

Luminosa. Luminous flame pink shading to salmon.

Maroon. A most unusual shade of deep dark maroon.

Mrs. Cleveland. Lovely pure white.

Purple King. Vivid deep purple.

Royale. A new variety. Rich royal blue, enhanced by a pure white eye. Florets unusually large.

**Price: In 2 1/2 inch pots, 10c each, \$1.00 per dozen
\$7.50 per 100**

VERBENA

ROYAL BOUQUET

A new type, erect growing verbenas

The beautiful large flowers are borne on upright stems twelve to fifteen inches high, making them valuable for cutting. A mixture of brilliant colors, most of them having white eyes.

**Price 10c each, \$1.00 per dozen
\$7.50 per 100**

New Dwarf Verbena "Firefly"

Here is a Verbena of an ideal form for borders, not being of spreading habit, but making a compact plant about six inches high. The flowers literally cover the plant with bright scarlet blooms, making a most showy border or bed.

Price \$1.00 per dozen, \$7.50 per 100

CHRYSANTHEMUMS

No other flowers produce such a wealth of rich color in the fall as the Chrysanthemums. Gorgeous displays may be had by planting masses of the small flowering types such as the Pompon, Anemone, and Single kinds. The large flowered types are really very easily grown, and by disbudding, beautiful huge flowers may be had for cut flower decoration or exhibition. We have grown only the most desirable varieties for garden culture, varieties which are very reliable, always producing perfect flowers.

We have made a special listing of large flowered types which are most suitable for exhibition purposes. They will produce enormous, perfect blossoms, by disbudding and proper feeding.

Be sure to plant some of the new and strikingly beautiful Japanese Spidery, Threadlike, and Feathery Type. They make most striking floral decorations and are exceedingly interesting exhibition subjects.

Our list is up-to-date including the best of the newer introductions and all the plants are young, vigorous and healthy, grown in 2½ inch pots to insure a perfectly developed root system, without any check in growth. The prices are very low for these superior, large plants.

Large Flowered Type

Price 20c each, \$2.00 per dozen, \$15.00 per 100

YELLOW SHADES

Friendly Rival. A very fine bright yellow flowering at Thanksgiving time. A fine florists' variety. Incurred.

Major Bonaffon. Probably the most widely cultivated of all yellow Chrysanthemums. A perfect incurved flower.

Midnight Sun. A very deep yellow incurved blooming in early November.

Mrs. Wm. Duckham. Large Japanese reflex. Can be grown to exhibition size.

BRONZE

Gladys Pearson. A strong growing variety with beautiful large flowers, upper petals apricot reverse buff, illuminating to bright orange under artificial light.

Golden Gate. A very early light bronze.

Modello. Color between orange and golden bronze with large broad petals like a huge decorative dahlia. Blooms for Thanksgiving.

Sylvan Tints. A striking variety. The upper surface of the petals is cardinal red, the reverse tan. The loosely incurved form gives a lovely two-toned effect.

RED SHADES

Amateur Counsel. This has always been a most satisfactory variety. Dark crimson incurved, blooming in late October and November.

Black Hawk. One of the deepest dark red chrysanthemums known. Very late. Reflex.

Mrs. G. G. Mason. Blood red with gold reverse. A most beautiful flower.

WHITE

Crystal Dome. An unusually fine large incurved white; of perfect form.

Miss Chicago. A splendid variety, a little later than Crystal Dome.

Silver Wedding. Purest white reflex.

PINK SHADES

J. W. Prince. An improved Chieftain and a most beautiful deep pink shade.

Progress. Bright clear pink incurved. Very fine.

Lady Hopetoun. A very popular mid-season pink.

Rose Perfection. A pretty shade of pink, enlightened with a golden suffusion.

Tokio. A popular variety. Large reflexed pink of great substance.

LAVENDER

Lavender Gem. Attractive light lavender-pink. Early.

Helen Frick. Deep lavender-pink.

Mauve Queen. A most beautiful novelty. Flowers are of perfect incurved form, the upper side of the petals mauve-rose, reverse silvery gray producing a most striking effect.

Price 35c each, \$3.50 per dozen

Exhibition Varieties

These will produce huge flowers of perfect form.

Price 35c each, \$3.50 per dozen

YELLOW SHADES

Daily Mail. Enormous deep yellow flowers on tall stems.

Yellow Pockett. A light yellow sport of Louisa Pockett. A good grower.

Yellow Turner. Light yellow. Identical with William Turner except in color.

WHITE

Louisa Pockett. The queen of white chrysanthemums. Flowers are huge, incurved and perfectly formed.

Wm. Turner. One of the most remarkable of all for size and keeping qualities. Many flowers ten to twelve inches across have been grown on well cared for plants.

Price of Wm. Turner, 25c each, \$2.50 per dozen

EXHIBITION VARIETIES—Continued

BRONZE AND RED SHADES

Bronze Turner. Buff bronze in color, lower petals shading to a light maroon.

Majestic. A uniquely beautiful variety. The petals are wide, with pointed ends forming a huge spherical bloom. Pretty buff color.

Nagirroc. (Golden Champion). Deep glowing orange bronze. Large and perfect.

Sergeant W. E. Young. An enormous flower, light bronze shading to scarlet. Strong grower.

PINK SHADES

Corneto. About the same size and color as Pink Turner, but does not produce a malformed center.

Meudon. Dark pink of immense size.

PURPLE

Antonin Marmotel. Rich rosy purple. Large shaggy flowers.

Purple King. Very large size; nearest approach to true purple.



Jui Jitsu

Feathery, Spidery and Threadlike

This is a Japanese type, with curiously formed petals making unique and artistic decorations in baskets or vases.

Price 25c each, \$2.50 per dozen

Amaratsu. The petals are curiously formed resembling a yellow cactus dahlia.

Fugi. Lavender. Petals eight to ten inches long.

J. C. Taggart. Orange bronze quilled petals covered with hairs. Fine long stems for basket work.

Jui Jitsu. The beautiful feathery flowers are variously variegated with deep rosy crimson and creamy white, making a striking appearance.

Lavender Feather. Beautiful deep lavender flowers.

Pink Beauty. Beautiful pink flowers shading to light lavender at the tips of the petals, and with a greenish gold center.

RED SPIDER. This can be grown to huge size for exhibition and is a very striking novelty with long slender petals of bright red.

Sam Caswell. Brilliant rose-pink.

White Thread. Unlike any other variety in formation. The splendor petals are twisted around about five times and are attractively tinged with pink in the full sun.



Pink Beauty

Pompons

Price 20c each, \$1.50 per dozen, \$10.00 per 100

Button Type

These produce large sprays of small flowers.

Baby. The tiniest of yellow button chrysanthemums.

Bright Eyes. Blush pink, with center petals showing a golden apricot reverse.

Buena. Bright golden bronze.

Dainty Maid. Blush white, of the most perfect type.

Doris. A very deep bronze, shading to red.

Dorothy Gish. A tiny white button. Same size as Baby.



Marguerite Clark

BUTTON TYPE—Continued

- Firebird.** Very bright red, large button type.
- Marguerite Clark.** Bright rose pink.
- Mary Pickford.** Outer petals turn back forming perfect tiny ball shaped flowers. Pure white.
- Nuggets.** Very bright gold. Tiny flowers.
- Rodi.** Purplish rose, a beautiful shade. Large button type.
- Rufus.** Small flowers of crimson maroon.

LARGER POMPONS

Excellent for cutting or growing in pots.

Ball of Gold. Large pompon of perfect form, 2½ to 3 inches in diameter. Bright yellow.

Bronzito. Perfectly formed, with dahlia-like petals, red with gold reverse.

Chicago Pearl. Most beautiful white flowers like balls of snow.

Elora. Beautiful fluffy balls, blush pink, center petals showing gold reverse.

Fairy Queen. Lovely, loosely formed ball-shaped flowers of beautiful clear pink.

Felice. Deep orange yellow, high rounded flowers, 2 inches in diameter.

Gold Drop. Golden bronze with crimson center.

Illona. Rosy lavender, large sprays.

Jolo. Splendid bright red, for Thanksgiving blooms.

Muskoka. Golden bronze. Very full, fluffy ball-shaped flowers, 3 inches in diameter.

Nubian. Tall erect grower with fine sprays of deep chestnut red.

Rena. Rose Violet.

White Caps. A most beautiful pure white pompon, medium size in beautiful sprays.

Single Flowered Type

Price 20c each, \$1.50 per dozen,
\$10.00 per 100

The single and anemone flowered types with their graceful sprays and brightly colored flowers add much grace and charm to the basket or vase of chrysanthemums. They are very easily grown.

Brightness. Brilliant glowing crimson-scarlet flowers in fine sprays on long stems.

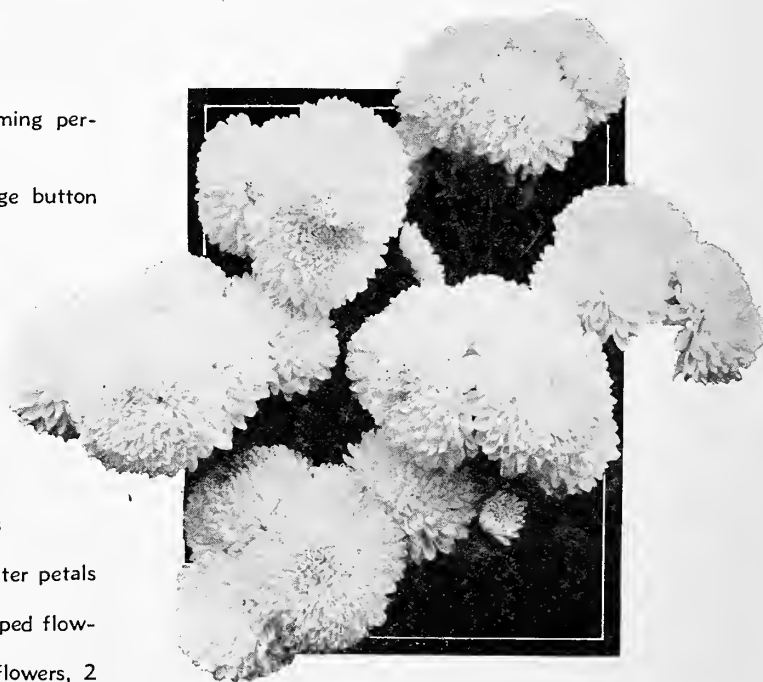
Excelsior. Scarlet changing to bronze flame. Wonderful for cutting.

Helen Hubbard. Excellent velvety crimson of Harvard shade.

H. Marie Totty. Brilliant bronzy crimson with a yellow zone surrounding the yellow disk.

Gladys Duckham. One of the largest and best pure white varieties, with graceful petal arrangement.

Irene. Deep lavender with a white zone around the center. Three rows of petals give this variety an airy appearance.



Chicago Pearl



SINGLE
FLOWERED
TYPE
Continued

Merstham Jewell

H. Marie Totty

Louise. A very pretty salmon-pink.

Merstham Jewell. One of the prettiest of the singles, and the reverse in coloring of H. Marie Totty. The petals are bronzy yellow, with a terra-cotta red zone in center.

Mrs. H. Shoebridge. Large flowers, with a single row of bright rose-pink petals artistically whorled.

Peggy. Deep rosy purple.

Red Bird. Deep garnet red with green-gold center.

Sunshine. Very large, beautiful golden yellow.

Anemone-Flowered Type

Price 20c each, \$1.50 per dozen,
\$10.00 per 100

Two or more rows of long, graceful petals surround a cushion center of contrasting color. This is a very attractive type for cut flower decorations.

Buff Queen. Large Japanese anemone. A beautiful golden bronze, which may be grown to huge size by dis-budding.

Co-ed. Soft pink with yellowish cushion.

Graf von Fleming. A most beautiful large anemone type with very long, graceful petals, beautiful clear lavender, and a creamy yellow cushion.

Captivation. Very large; disbudded flowers are 7 1/2 inches in diameter. Mahogany red, cushion tipped with yellow.

Izola. An even shade of amaranth purple.

Lida Thomas. Very artistic small flowers with two rows of pure white petals surrounding light yellow cushions.

Marie Poole. Large flowers with petals of bronzy salmon, flushed with pink, and deep orange cushions.



Buff Queen

FLOWERLAND DAHLIAS

We know of no other garden flower (the rose excepted) that will yield as large returns for the amount of money and time expended as the Dahlia. They are easily grown, prolific bloomers, and the color and flower variations are very extensive.

Our stock this year is the finest ever, strong, clean tubers, with plenty of vitality to produce magnificent blossoms.

We have been careful in selecting our stock and have included only those varieties which have been thoroughly tested and found to be most reliable.

This list includes many late novelties of exceptional merit as well as recent introductions and standard varieties that have proven to be the best.

For best results follow these planting directions:

PLANTING NOTE: Dahlias require a sunny position, a thorough watering about once a week during warm weather, and deep cultivation a day or two after each watering. Almost any kind of soil will produce good dahlias, if properly cared for; but rotted manure should be worked into the soil when preparing the ground, which should be dug deeply. In planting tubers, always lay the tuber on its side, never stand on end. Plant not less than two feet apart, and about four inches deep. Each plant should be staked. If part of the buds are pinched off you will have larger blooms. The flowers will keep better if cut in the evening, the stems dipped in boiling water for a few minutes and then set in cold water to harden.

TIME FOR PLANTING

As the dahlia is a fall blooming flower, it naturally does not require early planting as some may suppose. Planting should begin about the middle of April and may successfully continue for two months or more. Earlier than this, the ground is cold and the tubers may rot. If planted when the ground is warm, growth is quicker and more vigorous and the plants will bloom until frost.

DECORATIVE DAHLIAS

Delice. Glowing rose-pink. One of the best for floral work. 25c.

Dr. Tevis. A magnificent flower, a blend of copper, old rose and gold. 50c.

Eldorado. Immense flowers of pure gold, deepening to rich orange at the base of the petals. 35c.

Elite Glory. Gigantic flowers on strong erect stems. Bright, radiant red. 75c

Flaming Meteor. Flaming orange scarlet, deepening to burnt orange and amber at the center. 50c

Insulinde. Artistic flowers of distinct form; petals twisted and curled, held upright on stems two to three feet long. Rich saffron yellow shaded russet-orange. 75c

JANE COWL. One of the finest of all dahlias. Deep massive blooms of bronze and old gold. Petals broad, with just enough twist to add the refinement often lacking in large dahlias. \$1.50.

Jersey's Beauty. One of the best true pink dahlias. Perfect flowers throughout the season. 50c

KATHLEEN NORRIS. A new dahlia that is one of the finest that has ever been shown. It is a lovely pure pink color, a very desirable shade. The flowers are large, of exquisite formation, and the stems are straight and stiff. Admired by all who have seen it.

Price \$5.00 each

Marmion. Gigantic full flowers. Bright golden yellow, tinted bronze. 50c

Margaret Woodrow Wilson. One of the prettiest dahlias. White, with a blush-pink suffusion, slightly darker on the reverse petals. 75c

Mina Burgle. The most popular red dahlia in the florist trade. Deep crimson scarlet. 25c

Mrs. I. De Ver Warner. Immense flowers of glowing mauve-pink. 35c

Orange Gold. Orange, tipped with copper. A very large flower of lovely informal shape. Stems exceptionally long and stiff. 75c

Pride of San Francisco. A most pleasing shade of brilliant golden salmon pink. Free flowering, and good stems. 50c

Prima Donna. Silver pink. An always satisfactory dahlia and in great demand by florists. 25c

Queen of the Garden Beautiful. Pale lemon yellow. A very beautiful variety with huge flowers and thrifty growing habit. \$1.00

Rookwood. Cerise-rose, a most pleasing shade. The flowers are perfect in form and the blooming period is very long. 75c

Rosa Nell. Very large. Bright rose, an unusual shade. 50c

Susan G. Tevis. Deep lavender flowers of large size and splendid formation. 50c

The Grizzley. Rich crimson maroon; very large flowers with reflexed petals. 50c

Trentonian. Coppery to reddish bronze. A real autumn tint. Very lasting. 50c

Tommy Atkins. Brilliant flaming scarlet, the brightest red yet produced. 50c

Treasure Island. This new variety attracted much attention at recent Dahlia shows. It is a lovely flower of rich bronze color. Artistic floral decorations can be made with this unusual-colored flower.

Price \$2.50

CACTUS DAHLIAS

Ballet Girl. One of the best English Type Cactus Dahlias. The flowers are varied in combinations of orange and white. 50c

Cigarette. (Hybrid Cactus). Long narrow petals, which twist and roll; creamy white heavily edged orange. Flowers of very large size. 35c

F. W. Fellowes. An ideal cactus dahlia in every way, except that it makes few tubers and is always scarce. Long narrow incurving petals of rich reddish orange. 50c

General Rosalie Jones. (Hybrid Cactus). Pure golden yellow, without shading. Large flowers of perfect formation. 50c

Golden West. (Cactus). Known by all who grow dahlias and a favorite cut flower variety. Yellow with apricot shadings. 25c

CACTUS DAHLIAS—Continued

Jean Chazot. (Hybrid Cactus). One of the finest autumn-tinted cactus varieties. Nasturtium red, with golden suffusion. 35c

Mahogany. (Hybrid Cactus). Rich dark red veined crimson. Very large flowers on stiff stems, and holds color in hot weather. 50c

Norman. (Cactus). A beautiful type with exceedingly narrow petals of rich scarlet. 75c

Pencil Sketch. (Cactus). Uniquely beautiful. The white petals are faintly tinted blush and have very fine penciling of brown lines. Large blooms on erect stems. 50c

Pierrot. (Cactus). Giant flowers with long incurved petals; rich amber tipped pure white. 35c

Silver Hill Park. (Cactus). Pure white, large flowers, good stems. One of the best of all white dahlias. \$1.00

Pompon Dahlias

The small size and perfect formation of these brightly colored flowers, together with their keeping qualities gives them a foremost place for cut-flower decorations.

We have selected the varieties which are outstanding in their respective colors.

Aimee. Tiny bronze flowers. 35c.

Anna von Schinerin. Delicate light pink, small, of perfect formation. 75c

Catherine. Rich golden yellow. 35c

Girlie. Rosy lavender. 25c

Bernice. Soft salmon pink. 35c

Glow. Pure old rose. 35c

Amber Queen. Amber suffused apricot. 25c

Joe Fette. The best pure white. 35c

Clara Harsh. Yellow tipped crimson. 25c

Mary Muns. The outstanding lavender pompon. A beautiful shade of deep lavender. 75c

Mike. The best orange pompon. 50c

Vivid. Rich, bright scarlet. 25c

Tom Thumb. The smallest of all, rich garnet red. 35c

Yellow Gem. Bright, clear yellow. One of the best. 50c

Darkness. Small flowers of dark maroon. 50c



Pompon Dahlias

CANNAS

Cannas are extremely fine subjects for bedding, to produce a brilliant display of color, almost the year 'round. The tall, clean spikes are also very attractive in large vases. They should be planted in a sunny position, in rich soil and given a liberal supply of water. They are very attractive when planted in colored pots, in rich soil and placed in the patio, or other spots which need brightening with a splash of color.

This collection includes many splendid novelties, and the older varieties of exceptional merit. There are none better.

Alfred Mauther. Immense bright crimson-scarlet flowers.

Allemanina. Bright red flowers with a margin of golden yellow. 5 feet high.

American Beauty. Immense trusses of huge individual blossoms of a beautiful shade of rich carmine rose. Height 5 feet.

Austria. Deep yellow, with faint scarlet dots on inner petals. 4½ feet.

City of Portland. Beautiful clear rose-pink, with large trusses well above the bright green foliage. 3½ feet.

Copper Giant. An unusually clear and beautiful color; large flowers of a rich coppery orange-rose. 4 feet.

Florence Vaughan. Fine pure yellow. 4 feet.

Flre Bird. Intense brilliant scarlet blossoms of enormous size. Bright green foliage. One of the best. 4½ feet.

Gladiator. Deep yellow, freely dotted with red. 4½ feet.

Golden Eagle. The best of the clear yellow cannas, a clear golden color. Free blooming and very effective. 4 feet.

Gustave Gumper. Rich deep yellow, without spots or markings. 4½ feet

Hungaria. Large pure pink flowers. Plant of splendid habit of growth, with rich dark green foliage. 4 feet.

King Humbert. Intense scarlet, with bronze foliage. Very popular. 4½ feet.

La France. Large, clean flowers of an even shade of pure pink.

Louis Cayeux. Giant flowered, clear bright rosy scarlet, with a golden cast. A strikingly new color in cannas. 4 feet.

Mary Thilow. Like Mrs. A. Conard, with bronze foliage. 4 feet.

Morning Glow. Soft salmon pink with a golden cast. Very beautiful.

Mrs. Alfred Conard. Clear salmon pink; very free flowering. 4 feet.

Mrs. Pierre S. Dupont. A gorgeously beautiful canna of a vivid watermelon pink. The flowers are very large, in fine massive trusses. 4 feet.

Olympic. Rich carmine rose, shading lighter toward the center. Trusses very large. 5 feet.

San Diego. A distinct shade of burnt orange. The individual flowers are of immense size and beautifully clean. Light bronze foliage.

Stuttgartia. Orange scarlet, edged golden yellow, dotted with light scarlet. 4 feet.

The President. This great red canna possesses every desirable quality. Of immense size, unsurpassed vigor, brilliant color, and a free bloomer. Green foliage. 5 feet.

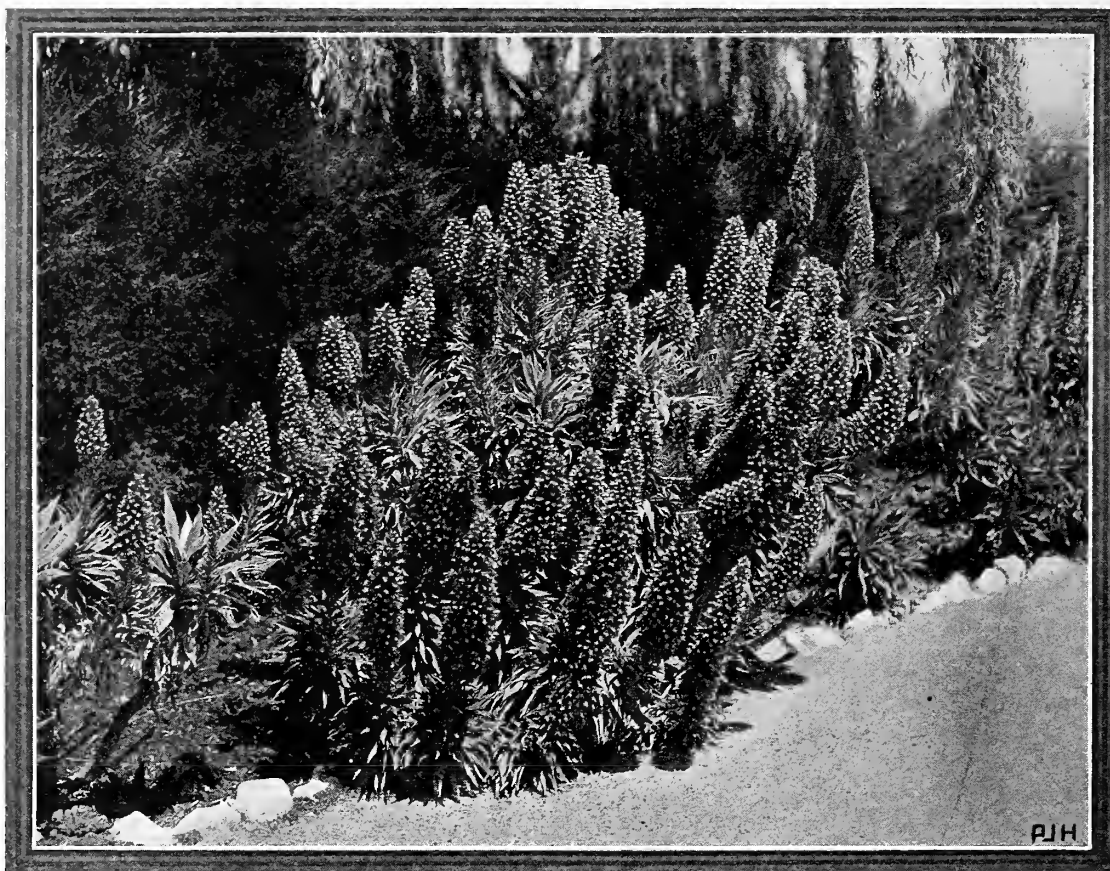
Wyoming. Bronze purple foliage, and massive spikes of deep orange flowers. 6 feet.

Yellow King Humbert. A sport from the most popular King Humbert. Bright yellow lightly spotted red. Green foliage. 4½ feet.

Prices:

Strong root divisions, 15c each, \$1.50 per dozen, \$10.00 per 100.

Large clumps, 35c each, \$3.50 per dozen.



Echium fastuosum

PERENNIAL FLOWERING PLANTS

General List

Acanthus (BEAR'S BREACH)

Acanthus mollis. A handsome decorative plant, its leaves two feet long, one foot wide, deeply toothed. Produces tall spikes of curious slate colored flowers during July and August. Very effective as a single specimen or for grouping with other plants for a tropical effect.

Price 50c each

Achillea (MILFOIL OR YARROW)

Useful plants for rockeries, partly shaded beds and perennial plantings. The dainty heads of blossoms are fine for mixing in bouquets.

Millefolium roseum. Finely cut, deep green foliage, dense heads of small deep pink flowers eighteen inches high and blooming all summer.

The Pearl. Bears its pure white flowers the entire summer on strong erect stems.

Plants in 4 inch pots; Price 25c each, \$2.50 per dozen

Aconitum (MONK'S HOOD)

These plants form bushy clumps and are useful for planting in shady or semi-shady positions. The spikes of hooded blossoms somewhat resemble the Delphinium.

Fischeri. A dwarf variety growing eighteen inches high with light blue flowers in August and September.

Spark's Variety. A dark blue variety flowering in June, thirty inches high.

Large plants in 4-inch pots

Price 25c each, \$2.50 per dozen

Agathea (BLUE DAISY)

Coelestis. This little plant which is especially suitable for edging when trimmed is seldom without its sky blue daisy-like flowers, which have yellow centers. The flowers make attractive small bouquets, especially when mixed with pink flowers such as Cecile Brunner roses.

Price \$1.00 per dozen, \$7.50 per hundred

Ajuga (BUGLE PLANT)

A useful plant for shady positions in rockeries or as a ground cover underneath trees and places where grass will not grow.

Reptans. Grows three or four inches high, very spreading in habit, with deep blue flowers. Foliage is dark glossy green and very dense.

Potted plants

Price \$1.00 per dozen, \$7.50 per hundred

In flats of one hundred plants, Price \$2.50 per flat

Alternanthera

Splendid low growing border or bedding plants succeeding in full sunshine, about eighteen inches high with brightly colored foliage.

Crimson.
Yellow.

Price \$1.00 per dozen, \$7.50 per hundred

Alyssum (SWEET ALYSSUM)

Saxatile compactum. (Basket of Gold). An indispensable plant for the rockery or border in hot, sunny positions. An almost constant bloomer; bright golden blossoms in masses of broad, flat heads.

Price \$1.00 per dozen, \$7.50 per hundred

Anchusa

Italica. Dropmore variety. A vigorous growing plant about four to five feet high with large hairy leaves. Bears its rich dark blue blossoms in great abundance upon the tall flower spikes. Of easy culture in a sunny or partly shady position. Splendid for background planting in perennial beds, using them as you would the Foxgloves.

Price 15c each, \$1.50 per dozen

Columbine (AQUILEGIA)

Our new improved strains of Columbines are far superior to the older types and have beautiful large flowers with long graceful spurs. They do well in most any kind of soil although a good loam is preferable. The best situation is a partially shaded location where protected from the wind. They may also be planted in full sun provided they are not near a building where there is reflected heat. They make the most beautiful beds imaginable, their tall graceful sprays of blossoms standing high above the attractive fern-like foliage. They are also very valuable for cutting.

Long Spurred Pink Hybrids. A splendid collection in pink and rose shades.

Long Spurred Blue Hybrids. A fine blending of all shades of blue, violet and lavender, etc.

Paul J. Howard's Improved Long Spurred Hybrids. This is a grand strain, producing extra large flowers in the most exquisite colors imaginable. Contains all the shades of blue, red, white, yellow, orange and pink.

Price 10c each, \$1.00 per dozen

Large blooming size plants, 25c each, \$2.50 per dozen

Arabis (ROCK CRESS)

Alpina. Valuable for Alpine or rock garden work. Pretty little low growing rather spreading plants covered with white blossoms.

Price 20c each, \$2.00 per dozen

Arenaria (SANDWORT)

Montana. A pretty creeping moss-like plant covered with tiny white flowers. The foliage is a bright green. Especially adapted to planting between stepping stones or to make a carpet of green like a lawn. It requires no cutting to keep it low.

In flats which can be divided into about a hundred pieces
Price \$2.50 per flat

Armeria (THRIFT, OR SEA PINK)

Maritima. An attractive dwarf border plant with tufted grass-like foliage above which are borne innumerable rose-pink flowers clustered in small round heads, useful in the rockery.

Formosa. A larger variety with broader leaves and flowers on wiry stems about eighteen inches long.

Price \$1.00 per dozen, \$7.50 per hundred

Artemesia

Lactiflora. Splendid for planting in herbaceous borders or wild gardens or among shrubbery. Of free growth producing elegant spikes of Astilbe-like flowers of a creamy white on stout stems about four feet high. The whole plant has the appearance of a highly ornamental flowering shrub, and the flowers are excellent for cutting purposes.

Price 25c each, \$2.50 per dozen

Baptisia

Australis. Suitable for planting in the wild garden. It grows about two feet high bearing pretty racemes of pea-shaped light blue flowers in mid summer.

Price 20c each, \$2.00 per dozen

Begonia

The Semperflorens or Everblooming type of Begonia is without an equal for bedding, low borders and edging. The flowers are of the brightest colors and are borne in great profusion continuously. While they succeed admirably in the full sunshine in most localities their greatest value is to give color to the shady beds and marginal plantings.

Gracilis luminosa. Bronze red leaves and bright scarlet blossoms.

Gracilis primadonna. Strong grower, one foot to eighteen inches high, bushy and dense in foliage; flowers brilliant clear pink shading to rose.

Albert Martin. A dwarf variety with bright green leaves and very large brilliant scarlet flowers.

Salmon Queen. A fine variety of bright coral red.

Gloire de Châtelaine. Fine large flowered variety with white blossoms shaded with pink and bronzy foliage.

White Queen. A splendid pure white waxy variety with very glossy green leaves.

Price: In 2 1/4 inch pots, \$1.00 per dozen, \$7.50 per 100

English Daisy

Bellis perennis. Well known pink and white double daisies often planted in borders along walks, stepping stones, and in the lawn.

Price in flats, 35c per dozen, \$2.50 per hundred.

Anchusa myosotidiflora (FORGET-ME-NOT FLOWERED ANCHUSA)

This is a quite new variety of Anchusa which is entirely different from the old tall growing variety. It grows but ten to twelve inches high and has heart shaped leaves about three inches across, which are deep green and smooth. The little forget-me-not-like flowers are a rich deep blue, and produced in many long graceful sprays completely covering the plant. These sprays of blooms are really charming as cut flowers, their longer stems and deeper color making them superior even to the forget-me-not for this purpose. The plant is very hardy and adapted to any good garden soil. Will succeed in partial shade or full sun. This is something really fine.

Price 50c each, \$5.00 per dozen

Carnation

(DIANTHUS CARYOPHYLLUS)

Carnations do exceedingly well in our climate, require very little special culture, and bloom almost continuously throughout the year. They prefer a light sandy loam and a sunny open position. Water thoroughly by trenching so as not to get the water on the foliage and flow-ers. If the plants are kept pinched back and bushy, they will not generally need staking. Standard florists' varieties in the following colors: Scarlet, Rose-pink, Flesh-pink, White, Maroon.

Price 10c each, \$1.00 per dozen

Campanula

(BELL FLOWER)

Indispensable hardy garden flowers of much variety of form, some being of tall and imposing habit, while others are dwarf compact little plants suitable for edging, rock work, etc. They like a good rich soil and last much longer in bloom if planted in a half shady place. All of the taller growing kinds should be staked to pre-vent injury from high winds.

Carpatica. (Harebell). A pretty species growing in compact tufts not exceeding eight inches high. Flowers clear blue held erect on wiry stems. It has a long blooming season, June until October. As an edging for the hardy border or for rock work it is unsurpassed.

Garganica. Another dwarf species about six inches high with deep green foliage making attractive small clumps. Exceedingly free flowering, becoming literally smothered with little violet colored bells. For a border that is striking and different this is unequalled.

Pyramidalis. (Chimney Bell Flower). The most conspicuous of all the Campanulas, forming a perfect pyramid four to six feet high, crowded with large salver-like flowers in summer. Porcelain blue or white.

Price of any of the above in three inch pots
Price 20c each, \$2.00 per dozen

Canterbury Bells

(CAMPANULA MEDIUM)

The Canterbury Bells make beautiful beds in partially shaded places. Their flowers are very attractive. The plants are biennial so that to obtain flowers the same year the plants are planted one must obtain year old plants. We have plants of this size in the single and Cup and Saucer type in blue, white, rose, lilac.

Price 25c each, \$2.50 per dozen

Dusty Miller

Centaurea candidissima. Much used in borders and beds. White foliage makes a pleasing contrast with the usual deeper greens.

Price 75c per dozen, \$5.00 per 100 in 2 1/4 inch pots
Flats of 100 plants \$2.50 each

Cineraria maritima. This has finely cut, silvery-white foliage, useful in decorations. Flowers purple. Grows about two feet high and bushy.

Price \$1.00 per dozen, \$7.50 per hundred

Coreopsis

Lanceolata. A popular perennial with rich golden yellow flowers, of graceful habit of growth and splendid for cutting. Blossoms the entire summer and fall in any sunny position. In 2 1/4 inch pots, price 10c each, \$1.00 per dozen, \$7.50 per 100

New Double Coreopsis

This grand new variety has all the points of the old—easily grown, floriferous and hardy, and has a greatly increased attraction in the graceful semi-double flowers. The golden yellow shade combines well with most all decorations.

Large plants in 4 inch pots, 25c each, \$2.50 per dozen

A Lovely Golden Daisy

Doronicum excelsum. One of the most attractive of the early spring flowering perennials for its large bright yellow flowers. Very effective when planted in masses and also a splendid flower for cutting, as it carries well and stands a long time in water, opening out morning after morning. Succeeds in a sunny position in well drained soil.

Price 35c each, \$3.50 per dozen

Delphinium

(PERENNIAL LARKSPUR)

One of the most popular of our perennials. Especially prized for the wonderful shades of blue displayed in its color tones. For producing a fine mass of blue, Delphiniums are unequalled, and they can be used either in beds or in clumps among shrubbery or other large perennials. We have developed some remarkably fine strains with splendid habit of growth and flowers of pure shades of blue, without the objectionable purplish tones.

They grow from 3 to 5 feet high, planted in a sunny position in well drained soil.

Belladonna. An improved strain. Flowers an exquisite turquoise blue. Height 3 to 4 feet.

Bellamosum. A form of the above with rich dark blue flowers.

Price 25c each, \$2.50 per dozen, \$18.00 per 100

FLOWERLAND HYBRIDS. A grand new strain.

The plants are of vigorous growth with a splendid branching habit, producing lovely sprays of blossoms for cutting. The colors are simply exquisite, the petals seeming to fairly glisten. The range of colors includes all the finer light blue shades as well as the darker blue shades, and many of the blossoms have a tinge of pink producing a beautiful two-toned effect.

Price 25c each, \$2.50 per dozen

\$18.00 per 100

Dianthus

(HARDY GARDEN PINKS)

Especially fine for planting in beds and borders; their delightfully refreshing, spicy odor makes them a wonderful addition to any collection of garden flowers.

Chinese Pinks. (Dianthus hedewigi). Handsome large double flowers in colors of white, pink and dark red. This variety is splendid for bedding.

Dianthus plumarius. The old fashioned fragrant clove pink in many colors, with fringed edges.

Price of either of the above varieties
75c per dozen, \$5.00 per 100

SWEET WILLIAM

Dianthus barbatus. An attractive free flowering perennial of larger habit of growth than the other Dianthus. Produces a splendid effect when planted either in beds or borders, thriving to perfection in a good rich soil.

Colors are white, rose, blood red, crimson, pink, etc.

Price 75c per dozen, \$5.00 per 100

DIANTHUS NAPOLEON III

This is a rare and beautiful variety of hardy Pink, perennial and constantly in bloom. The flowers are very double and a clear even tone of cherry red on long stems. Very valuable as a cut flower. This variety does not produce seed and is slow to propagate, so is always scarce.

Price 20c each, \$2.00 per dozen

Foxglove

(DIGITALIS)

These stately, old-fashioned flowers are wholesome company in any garden. The strong flower stalks, frequently 5 to 6 feet high, rising from rich luxuriant masses of leaves give an appearance of strength to the hardy border and during their period of flowering dominate the whole garden.

Gloxiniaeflora. A beautiful strain of finely spotted varieties, white, purple or rose.

The Shirley. A new strain with magnificent flowers of unusual size, ranging in color from purest white to deepest rose with the bright shades predominating. Spotted crimson and chocolate. We offer this strain in mixture only.

In 2 1/4 inch pots, price 75c per dozen, \$5.00 per 100

Large plants in 4 inch pots, 25c each, \$2.50 per dozen

Echium

Fastuosum. A unique plant, especially valuable in Spanish plantings and in cactus gardens. It grows from 2½ to 4 feet high, the flower spikes covered with small blue flowers. The large, hairy foliage thickly covers the plant. It prefers a sunny location.

Price 50c each, \$5.00 per dozen

Erigeron

Speciosum. An improved variety with single aster-like flowers of lavender-blue. Very dainty and much prized for cutting. A splendid summer flowering plant growing about one foot high. Plant in sun or semi-shade.

Price 15c each, \$1.50 per dozen

Sea Holly (ERYNGIUM)

Amethystinum. A handsome plant growing about three feet high. The finely cut spiny foliage and beautiful thistle-like heads of steely blue flowers are useful for cutting to use in baskets or vases. The ends of the stems as well as the flowers are colored blue, having the appearance of having been sprayed with lacquer.

Price 25c each, \$2.50 per dozen

Eupatorium

Coelestinum. This is sometimes called perennial Ageratum because of its fluffy lavender-blue flowers on tall stems. It is a very valuable perennial and furnishes cut flowers in the fall at a time when flowers of this type are scarce. Very hardy, of free spreading growth.

Price 20c each, \$2.00 per dozen

Felicia

(PINK AGATHAEA)

Rosea. A very pretty plant of trailing habit with dainty pink daisy-like flowers, slightly smaller than the blue Agathaea. It grows in full sunshine and is fine for banks, rockeries, pots and hanging baskets.

Price 15c each, \$1.50 per dozen, \$10.00 per 100

Creeping Strawberry

Fragaria indica. A splendid plant for rockeries and used extensively as a ground cover. Rapid grower.

Price \$1.00 per dozen, \$7.50 per 100

Gaillardia

(BLANKET FLOWER)

Among the brightest of our hardy perennials, Gaillardias are very showy and splendid for cutting. The plants need very little care and when once you have a bed of these established it is permanent. They grow about two feet high and begin flowering early in spring and continue the entire season. They require a sunny position.

Grandiflora. Large flowers of gorgeous combinations of color. Deep red brown, marked with rings of brilliant crimson, orange, yellow and vermillion, often all combined in one flower.

Price 10c each, \$1.00 per doz., \$7.50 per 100

Gazania

The closely matted plants make a complete carpet above which are borne myriads of large daisy-shaped flowers in brilliant orange, or lemon yellow. Much used as a ground cover in parkways and over dry rocky places.

Price 35c per dozen, \$2.50 per 100

Gerbera

(TRANSVAAL DAISY)

The greatly admired daisy-like flowers are borne singly on long slender stems, making them ideal for cutting. Plant them in full sunshine in a well drained soil. Avoid covering the center or crown and do not overwater.

Hybrids. A greatly improved strain, producing blossoms of huge size covering a wide range of shades and hues such as straw, yellow, orange, scarlet, rich reds, rose, pink, salmon.

Jamesoni. A brilliant scarlet variety.

Strong field grown plants or 4 inch pots

Price 25c each, \$2.50 per dozen

Geum

Very showy perennials and very easily grown, either in sun or shade. Makes a splendid bedding plant and is excellent for cutting.

Lady Stratheden. Large double flowers of rich golden yellow.

Mrs. Bradshaw. Splendid double. Bright scarlet.

Orange Queen. A new shade of rich orange.

In 2¼ inch pots, price 10c each, \$1.00 per dozen

Plants in 4 inch pots, 25c each, \$2.50 per dozen

Helenium

All of these are desirable tall growing perennials, succeeding in any soil in a sunny place. They have broad, spreading heads of flowers, useful for cutting, each species covering a long blooming season.

Autumnale rubrum. Robust growing, 3 to 4 feet high with bright terra-cotta red flowers in August and September.

Autumnale superbum. Golden yellow flowers during the late summer and fall months. About 5 feet high.

Hoopesti. Pure orange-yellow flowers two and one-half inches across. The earliest to bloom, coming early in June and continuing throughout the summer. Two feet.

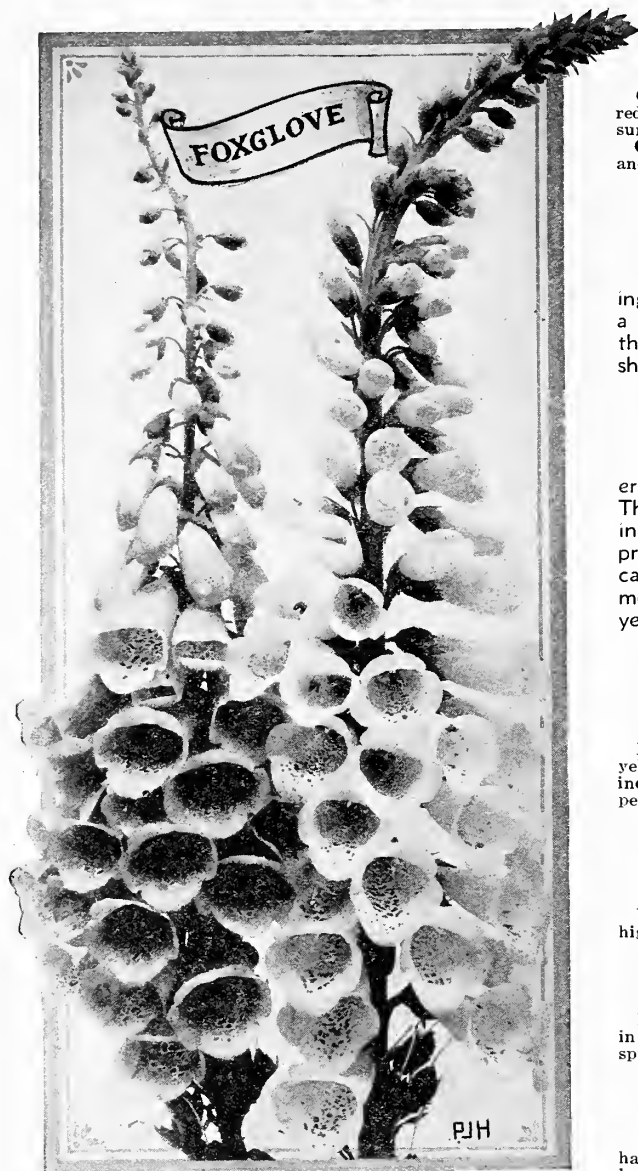
Riverton Beauty. Rich lemon yellow, with large, purplish black cone in center. Summer and fall. Four feet.

Riverton Gem. Old gold, changing to wall-flower red. Summer and fall. Three and one-half feet.

Price 25c each, \$2.50 per dozen



Geum



Helianthus

(SUNFLOWER)

The perennial Sunflowers are among the most effective hardy plants for large border planting, or for among shrubbery. Remarkably free flowering, will succeed in any soil; invaluable for decorative purposes, or as cut flowers during summer and autumn.

Maximiliana. The latest of all, perfecting its fine golden yellow flowers in long, graceful sprays during October, when all others have finished. Invaluable for cutting. Five to seven feet.

Multiflorus floro-pleno. (Double Sunflower). Large double, dahlia-like, golden yellow flowers in great profusion in July, August and September. Four feet.

Angustifolia. This is worthy of a place in every perennial garden. The long, narrow leaves clothe the long slender canes which are crowned with large clusters of single, bright yellow blossoms.

Price 25c each, \$2.50 per dozen

Helianthemum

(SUNROSE)

Chamaecistus. Fine trailing plants with small foliage, and red flowers like miniature wild roses. Prefers light soil and a sunny position.

Chamaecistus tomentosum. A variety with hairy, grey leaves and salmon colored flowers.

Price 15c each, \$1.50 per dozen

Coral Bells

(HEUCHERA SANGUINEA)

A most desirable compact plant of easy culture, bearing loose, graceful spikes of little bell-shaped flowers of a rosy-coral color. Valuable for the rockery, borders and the fern bed. Also desirable for cutting. Stands a semi-shaded position well.

Price 10c each, \$1.00 per dozen, \$7.50 per 100

Hollyhock

The Hollyhock is one of the oldest of cultivated flowers, and is today to be found in almost every garden. They grow with the minimum amount of care and even in many places where they are utterly neglected, they produce a wealth of beauty which is probably not duplicated in any other cultivated flower. A splendid assortment of improved doubles, in red, rose, pink, maroon, yellow, white, salmon, lavender and purple.

3 inch pot plants, \$1.50 per dozen

Larger plants, 25c each, \$2.50 per dozen

Mexican Tulip-Poppy

(HUNNEMANNIA)

Fumariaefolia. A splendid perennial poppy, with large single yellow flowers of a crepe-like texture, tulip shaped, two or three inches across. Splendid for cutting, blooming over a long period of time. Does best in a warm, rather dry situation.

Price 15c each, \$1.50 per dozen

Lavandula

(LAVENDER)

Vera. This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant flowers in July and August.

Price 15c each

Gayfeather

Liatris pycnostachya. A splendid subject for the background in a perennial border. It is easily grown and produces large spikes of flowers about 5 feet high, of a light rosy-purple color.

Price 35c each, \$3.50 per dozen

Kenilworth Ivy

Linaria cymbalaria. A trailing plant, especially good for hanging baskets, window boxes and rockeries. The foliage is luxuriant, shiny green and the plants bear dainty lilac colored flowers throughout the summer.

Price 15c each, \$1.50 per dozen

Linum

(FLAX)

Perenne. Bright blue flowers and graceful foliage, growing about one foot high. Useful for borders and the rockery.

Flavum. A pretty plant for the rockery or front of hardy border. Produces an abundance of bright yellow flowers.

Price 25c each, \$2.50 per dozen

Lobelia

Cardinalis. Entirely different from the low growing varieties. Grows two feet high with bronzy-red foliage and brilliant fiery scarlet flowers from July to October. Prefers moist position.

Price 20c each, \$2.00 per dozen

Lotus

(CORAL GEM)

Peliorhynceus. (Trailing Lotus). A beautiful trailing vine for hanging baskets, window boxes, porch pots, etc., growing well in a sunny position. It has feathery, grey-green foliage and brilliant coral red flowers shaped like a parrot's beak produced in profusion.

Price in 3 inch pots, 15c each, \$1.50 per dozen

Large trailing plants in 4 inch pots, 35c each, \$3.50 per dozen

Lupine

Effective plants growing about 3 feet high, producing large spikes of flowers. Easily grown, preferring a partly shady location.

Lupinus polyphyllus. Bright blue, pink, and pure white.
 Price 25c each, \$2.50 per dozen

Marguerite

These are splendid for use in the perennial border, as specimen plants, or they may be used to good advantage as borders along driveways, walks, etc. Plant in full sun and keep them cut back from time to time, to keep them sturdy and bushy.

Mrs. Fred Saunders. Large double white.
Boston Yellow. Splendid single clear yellow.
Giant. Single white.

Large plants, price, 25c each, \$2.50 per dozen

Forget-Me-Not (MYOSOTIS)

Lovely plants for damp places, spreading rapidly and carpeting the ground. Makes an excellent edging.

Palustris. Clear blue. Hardly ever out of flower. Best in partial shade.

Blue Bird. A new Forget-me-not. Rich deep blue in color. Blooms over a long period of time. Compact in habit. A favorite with all who have seen it.

Price 10c each, \$1.00 per dozen

Nepeta

Glechoma. (Ground Ivy). Of trailing habit, with variegated foliage, suitable for window boxes, hanging baskets, rockeries, etc.

Mussini. An excellent plant for a border, or bed, especially useful in the rock garden. It is of compact habit, forming dense tufts about twelve inches high, with small crinkly sage-green leaves and masses of small light violet flowers in the summer.

Price 15c each, \$1.50 per dozen

Oenothera (EVENING PRIMROSE)

Rosea. A splendid plant for rockeries, preferring a light soil, and fairly sunny position. Grows about 1½ feet high, with light green foliage, and pink blossoms, about one inch across.

Price 15c each, \$1.50 per dozen

Iceland Poppy (PAPAVER NUDICAULE)

This is a very fine perennial poppy and blossoms for a long season. The flowers come on long wiry stems and have gracefully crinkled petals, and are very lasting when cut.

Sunbeam Hybrids. A new large flowered and strong growing strain in wide range of rich shades of orange scarlet, yellow and white.

Gibson's Orange. An unusually large flower of the brightest tangerine orange. This is a popular variety with florists.

Double Ranunculus Flowered. A splendid novelty with semi-double flowers in many colors.

Price 10c each, \$1.00 per dozen, \$7.50 per 100

Oriental Poppy

For gorgeous coloring these poppies have few rivals among hardy plants. They produce a magnificent effect in shrubberies and hardy borders, while for cutting they are invaluable. The flowers are very large, and the colors are like Chinese lacquer.

Price 25c each, \$2.50 per dozen

Plumbago

Larpenae. One of the most desirable border and rock plants and also fine for window boxes. It is of dwarf, spreading habit, and completely covered with the brightest deep blue flowers in the summer and fall months. Prefers some sunshine.

Price 25c each, \$2.50 per dozen



Physostegia

Pentstemon (BEARD TONGUE)

Pentstemons may be planted in almost any location and at any season of the year, and they will always give most satisfactory results. The new and improved varieties are very effective in the garden as they present a gorgeous display of color and are in flower for a good portion of the year. The varieties listed here are excellent.

Sensation. These new hybrids bear large spikes of huge, bright colored flowers, ranging from pink, rose, red, lavender, into purple.

Sierra Madre. A handsome flowering variety in deep rosy red, with lighter center.

Price \$1.00 per dozen, \$10.00 per 100

Physostegia (FALSE DRAGON HEAD)

One of the better summer-flowering perennials. Bears long spikes of tubelike flowers. Very hardy and easily grown.

Virginica. Long spikes of light pink blossoms. About 3 feet high.

Virginica alba. A white flowering variety of the above.

Virginica grandiflora vivida. A new variety, growing about 18 to 24 inches high, with flowers very much larger and more closely set in the spikes. The color is a bright lavender pink. Very desirable as a cut flower.

Price 25c each, \$2.50 per dozen

Platycodon (JAPANESE BELLFLOWER OR BALLOON FLOWER)

Grandiflorum. Closely related to the Canterbury Bells, but is very different in form and habit of growth. The flowers in bud have the appearance of inflated balloons. They flower from June to September, and grow well in most any position. Colors are blue and white.

Price 25c each, \$2.50 per dozen



Pyrethrum

Hybridum. One of the best early summer flowers. Charming color and wonderful lasting qualities as a cut flower. The daisy-like flowers come in all shades of deep rose, to pure white. The fine fern-like foliage adds to its attractiveness. Easily grown in any good garden soil, in a sunny position.

We also have a double flowered variety.

Price 25c each, \$2.50 per dozen

Aureum. The well known Golden Feather so much used for edging, carpet, bedding, etc. Has bright yellow green fern-like foliage.

Price 50c per dozen, \$3.50 per hundred in flats.

Rudbeckia

(CONE-FLOWER—GOLDEN GLOW)

Golden Glow. A well-known popular plant, very hardy and growing from five to six feet high. Produces great masses of double golden-yellow flowers, resembling Dahlias.

Hirta. (Black-Eyed Susan). The large single flowers have bright yellow petals surrounding a small black cone. Makes an artistic cut flower.

Newmani. Dark orange-yellow flowers with deep purple cones, borne on stiff wiry stems, three feet high. Flowers from July to September.

Nitida. "Autumn Sun". An attractive single flowered variety, growing five to six feet high, with long, broad petals of bright primrose yellow. August to October.

Purpurea. (Giant Purple Cone-Flower). Flowers about four inches across of a peculiar reddish purple, with a remarkable large cone-shaped center of brown. Very artistic for vases or basket work. Form bushy plants three feet high, bloom from July to October.

Price 25c each, \$2.50 per dozen

Ranunculus

Repens Fl. Pl. A low growing trailing double-flowered Buttercup with bright golden yellow flowers. Foliage bright deep green, and very glossy. For hanging baskets, rockeries, etc., in moist, partly shady locations.

Price 10c each, \$1.00 per dozen

Rosemary

Rosmarinus officinalis. An old favorite aromatic herb, delightfully fragrant, flowers light blue and grows about three feet high.

Price 20c each, \$2.00 per dozen

Salvia

(SAGE)

Azurea. Pretty willow-like growth. Spikes of light blue flowers.

Patens. Large, rich, dark blue flowers; does best in partial shade. Flowers not so numerous as in the other varieties.

Farinacea. (Meadow Sage). Tall growing, deep blue. Fine for cutting.

Leucantha. (Purple Sage). Bears spikes of deep royal purple bloom, like velvet, in dense whorls along a stem six to twelve inches long. Foliage gray-green.

Pitcheri. This is the finest of all the Blue Sages for decoration purposes. Resembles Azurea in habit but is more branching and the flowers are larger and of a deeper blue.

Price 25c each, \$2.50 per dozen

Santolina

Chamaecyparissus incana. (Lavender Cotton). A dwarf evergreen perennial with attractive cypress-like, silvery white foliage. Can be trimmed to any shape desired and is much used as an edging, and in carpet bedding.

Price 50c per dozen, \$3.50 per 100 from flats

Saxafraga

Crassifolia. These will thrive in almost any soil in a shady position. Their large, glossy, leathery leaves and spikes of clear pink flowers make them doubly admirable for planting in front of shrubbery, in the rockery, or under trees where a mass planting is wanted.

Price 35c each, \$3.50 per dozen

Sarmentosa. (Strawberry Begonia). A useful trailing plant suitable for hanging baskets, window boxes, and rockeries. Sage-green foliage, veined with white, with reddish reverse, and sprays of pale pink flowers make this an attractive plant.

Price 15c each, \$1.50 per dozen

Sedum

(STONECROP)

Fine plants for rockeries, banks and exposed sunny locations. Most varieties will also do well in the shade. We have a large assortment of different kinds of both the dwarf and trailing ones, and also the taller erect growing varieties.



Salvia Farinacea



SCABIOSA

Columbaria. An invaluable flower for cut-flower decorations. An especially fine winter bloomer and continues in bloom most of the year. Flowers are very lacy and graceful on long stems, and the colors are exquisite, ranging from beautiful lavender-blue, through delicate mauve to an almost clear pink. Of easy culture.

Price 15c each, \$1.50 per dozen

Senecio (PULCHER)

Closely allied to the Cineraria, and with flowers somewhat similar. Forms a neat tuft of foliage, from which spring up from July to October, a succession of two feet high stems, with clusters of brilliant rosy-purple flowers of good size.

Price 35c each, \$3.50 per dozen

Shasta Daisy (CHRYSANTHEMUM LEUCANTHEMUM)

Alaska. A magnificent variety which bears large glistening white flowers, often measuring five inches across, on long stems. The best variety for cutting, as it is a good keeper.

Price \$1.00 per dozen, \$7.50 per 100

Smilax

A useful and graceful climber which can be grown anywhere, but does best in partial shade. Used largely in bouquets and for floral decorations. Easily grown, but requires plenty of water.

Price 25c each, \$2.50 per dozen

Statice (SEA LAVENDER)

Caspia. Bears numerous sprays of tiny pale lavender flowers on long stems. Very popular for mixing with bouquets in the same way as Gypsophila or Baby's breath.

Perezi. A sub-shrub. Grows two to three feet high and bears heavily purplish-blue flowers above its blue-green leaves, should have a sunny exposure.

Price 3 inch pot plants, 15c each, \$1.50 per dozen

Thalictrum (MEADOW RUE)

These plants have finely cut foliage which much resembles that of Maidenhair fern, and dainty small flowers in sprays. They grow admirably in the shade, but will stand a certain amount of full sunshine.

Dipterocarpum. Though introduced some years ago, this beautiful species is yet but little known. We consider it one of the real gems among hardy plants, not only for the garden, but its dainty graceful sprays of flowers, elegantly arranged on stems from four to five feet high, are invaluable for cutting; the flowers are of a charming shade of violet-mauve, which is brightened by a bunch of yellow stamens and anthers.

Price 15c each, \$1.50 per dozen

Thymus (THYME)

Serpyllum. (Trailing Thyme). Suitable for rockeries, forming dense mats of dark green foliage and quantities of tiny rose-red flowers. Also useful as a border plant or ground cover.

Vulgaris. (Common Thyme). Used as an herb for flavoring. Also a good plant for rockeries, covering the ground, etc. Grows about ten inches high, compact and dense. Flowers white.

Price 15c each, \$1.00 per dozen

Trachelium

Caeruleum. An attractive late flowering perennial native of the Mediterranean region. Bears feathery deep lavender flowers in dense clusters around a small crown at the terminal end of a wiry stem. About three feet high. Good in most any soil and exposure.

Price 15c each, \$1.50 per dozen

Tradescantia (WANDERING JEW)

Rapid growing trailing plants especially suitable for covering in shady locations. Prefers much moisture and will grow even in a dish of water.

Viridis. Bright green.

Viridis variegata. Same as preceding, but leaves marked white.

Zebrina. Dark bronzy-red foliage.

Price 15c each, \$1.50 per dozen

Tritoma (RED HOT POKER)

Pfitzeri. Succeeds in any garden soil, if well drained and in a sunny position, but responds quickly to liberal treatment. Has grass-like foliage making a clump about two feet high, from which grow spikes of bright orange-scarlet flowers, three to four feet high.

Price 35c each

Vinca (PERIWINKLE OR TRAILING MYRTLE)

Very useful trailing plant for covering banks, and for hanging baskets and window boxes. Flowers blue.

Major. The green leaved variety.

Major Variegata. Handsome golden variegated leaves.

Minor. Green foliage, smaller than the above.

Minor Variegata. Variegated form of the above.

Price 15c each, \$1.50 per dozen



Viola Jersey Gem

Valeriana (VALERIAN)

Rubra. Branches freely at the base, and forms numerous flower stalks which are densely covered with smooth green leaves, and bears clusters of airy flowers almost continually. One of the easiest perennials to grow, and will run wild in the garden if neglected. We have white and a rose-red variety.

Price 10c each, \$1.00 per dozen

Veronica

Amethystina. A charming creeping variety with low closely matted foliage, above which are borne numerous spikes of deep blue flowers. Fine for ground-cover, rock-work, window boxes and borders.

Price 15c each, \$1.50 per dozen

Longifolia subsessilis. A very showy variety forming a bushy plant, two to three feet high, with long dense spikes of a dark blue, fine for cutting. Grows well in partial shade or full sun.

Price 25c each, \$2.50 per dozen

Spicata. A very desirable plant for the perennial border. Grows 1½ to 2 feet high, bearing long slender spikes of bright blue flowers during the summer months.

Price 25c each, \$2.50 per dozen

Viola

Jersey Gem. A new perennial viola and the most valuable bedding variety yet introduced. Succeeds in any good garden soil in full sun or will stand considerable shade. Blooms continuously from early spring until late in the fall, and when grown in the sun the flowers are the purest violet-blue, with no shading, and resemble huge violets on long stems. Good for cut flowers and a valuable plant for a border or rockery, as well as bedding.

Price 20c each, \$2.00 per dozen

Violets

Marie Louise. A large double flower of rich dark blue color. Very fragrant.

Price 20c each, \$2.00 per dozen

Princess of Wales. This is the largest violet grown. Clear violet-blue flowers on stems of extra length and substance. Fragrant. (Single).

Price 10c each, \$1.00 per dozen, \$7.50 per 100

Gray Violet. Porcelain white, with blue pencillings. Attractive and fragrant. (Single).

Price 20c each, \$2.00 per dozen

Russian Single. Rich purple flowers, very sweet scented.

Price 15c each, \$1.50 per dozen, \$10.00 per 100

Swanley White. Double, pure white, very fragrant.

Price 20c each, \$2.00 per dozen

Vittadena

Triloba. Free flowering, low, spreading perennial, covered during the greater part of the year with a profusion of bluish-white daisy shaped flowers. Suitable for edgings, hanging baskets, porch pots, window boxes, or rockeries.

Price 15c each, \$1.50 per dozen

Wallflower (CHEIRANTHUS)

An old fashioned favorite. The sweet fragrance and the oriental coloring of the flowers in their rich reds, yellows and browns, make an effective appeal for a place in the garden. They are easily grown, succeeding best in a rather shady position, and they last long as cut flowers.

Price 75c per dozen, \$5.00 per 100

NEW VIOLA—"RADIO"

This variety has come into prominence very rapidly, especially in the San Francisco Bay district where it is much used as a flower for corsages and other floral work. The beautiful large flowers have the form of huge violets and are a clear violet-blue.

Price 35c each, \$3.50 per dozen



Frilled type



Double type

TUBEROUS ROOTED BEGONIAS

The tuberous Begonias are among the most gorgeous and showy bulbous plants and the demand for our unexcelled strains is increasing every year. They are the most valuable for planting in shaded beds, in pots and in window boxes, where they make a glorious showing of bloom throughout the summer and fall. Where Cinerarias have been blooming in the spring, follow with a planting of tuberous Begonias to have a colorful showing for the rest of the season.

Our select strains are really phenomenal in size, texture and color shadings, the mammoth flowers often measuring from four to six inches across.

After May 1st, we have large strong plants growing in pots at the same price as the tubers. For local plantings we advise the purchase of these splendid growing plants.

Paul J. Howard's Mammoth Single Flowering Tuberous Rooted Begonias

White, Orange, Crimson, Scarlet, Rose, Yellow, Salmon
Price—25c each; \$2.50 per dozen; \$18.00 per 100

Paul J. Howard's Double Peony-flowered, Tuberous Rooted Begonias

White, Yellow, Orange, Crimson, Rose, Salmon, Scarlet
Price—25c each; \$2.50 per dozen; \$18.00 per 100

Paul J. Howard's Double Camellia-flowered Tuberous Rooted Begonias

White, Orange, Crimson, Scarlet, Rose, Yellow, Salmon
Price—25c each; \$2.50 per dozen; \$18.00 per 100

Paul J. Howard's Frilled Tuberous Rooted Begonia

White, Orange, Crimson, Scarlet, Rose, Yellow, Salmon
Price—25c each; \$2.50 per dozen; \$18.00 per 100

Choice Crested Tuberous Rooted Begonias. A most unusual and beautiful type with a high crested center. Assorted colors.

Price—35c each; \$3.50 per dozen

Giant Daffodil Type. The flowers of this type have a resemblance in formation to a daffodil because of the peculiar formation of the petals. Unusually beautiful. Assorted colors.

Price—35c each; \$3.50 per dozen

HANGING BASKET BEGONIAS

Pendula Lloydii. These are a new and extremely beautiful type with pendulous habit, making them most desirable for pots, hanging baskets and window boxes. The flowers are very freely produced in a wide variety of charming colors and formations. Some are most gorgeously frilled, others double and others are very large and single. A wire basket planted with these lovely begonias will make a perfect globe of brilliant color.

Price—35c each; \$3.50 per dozen

Gloxinias

(EXTRA SELECT STRAINS)

Most charming, brightly colored flowers, excellent for the conservatory, flowering in pots. The shapely plants have large velvety leaves, and bear lovely bell shaped flowers with flaring edges. These flowers are richly colored purple, lavender, red and rose, some having white throats. Mixed colors.

Price 35c each, \$3.50 per doz.



Petunia—Dwarf Giants of California

Plants of Spring and Summer Flowering Annuals

Each season we grow thousands of annual bedding plants for distribution in the spring time. At this time of year the bulbs (planted the previous fall) are ready to dig and store away and the beds should be replanted with flowering plants which will blossom during the summer months.

Our spring annuals as well as our fall annuals are grown in pots and are easily and safely transplanted. Most varieties of plants are ready April first (some earlier and some later) and should be planted as soon as the weather is warm enough.

Visit our Lath-houses and see thousands of plants ready to be planted.

Ageratum (FLOSS FLOWER)

This is a very useful plant for bedding or edging and the pretty clusters of small, soft, lavender-blue flowers are fine for cutting, alone, or mixed with larger flowers such as asters. Will bloom immediately, and stay in flower for many months. Fine strong plants.

Price 75c per dozen, \$5.00 per 100

Asters

Asters are one of the most important of our summer and fall flowering annuals, and should be planted freely in every garden where color display and cut flowers are desired. The strains we offer are the very best and will prove most satisfactory. They bear immense flowers on good stems, and are exceptionally clear colors.

We grow them in the following separate colors: White, pink, rose, carmine, lavender, purple and crimson.

Price 50c per dozen, \$3.50 per 100

(See description in seed list)

Cosmos

For planting in the perennial border and among the shrubbery few flowers are as satisfactory for late fall blossoms, also for planting along walls and fences, they are very attractive. Grown in separate colors, Red, Pink, White and Yellow.

Price 50c per dozen, \$3.50 per 100

Cineraria

The showiest of all flowers for growing in the shade. We have gorgeous strains of these and grow them in several different types.

Paul J. Howard's Prize Hybrids. Huge blossoms in the most brilliant colors imaginable.

Paul J. Howard's Blue Shades. All shades of blue and lavender.

Paul J. Howard's Salmon Shades. Including pink and salmon-rose.

Paul J. Howard's Crimson Shades.

Star Cineraria. Tall growing with myriads of smaller flowers in large clusters.

Large plants of any of the above in 4 inch pots
25c each, \$2.50 per dozen, \$18.00 per 100

In 2¼ inch pots, \$1.50 per dozen, \$10.00 per 100

Sweet Wivelsfield

This new annual is a cross between *Dianthus barbatus* and *Dianthus allwoodii*. It is very free flowering and splendid for border and cut flowers. The flowers are like the Pinks but are in large clusters on one stem. Colorings and markings are beautiful.

Price 75c per dozen
\$5.00 per 100

Petunia

For effective show, few flowers equal Petunias either for bedding or for window and porch boxes and pots. They flower early and remain a mass of bloom the entire season. In many locations they flower for two or three years. We have unusually strong plants in pots of the following types:

Balcony type—for pots and boxes, separate colors.

Single Bedding Types, separate colors.

Double Petunias.

Ruffled Monsters.

See complete description in seed list.

Price 50c to \$1.50 per dozen

Celosia (COCKSCOMB)

Very popular color-garden annuals. Easily grown and valuable for their plummy blossoms which are borne in such quantities as to cover the entire plant.

Celosia cristata. Crested cockscomb, both red and yellow.
Celosia plumosa. Plumed variety. They generally form a pyramidal bush which is covered with flowers closely resembling an ostrich plume in formation. Red or yellow.

Price 50c per dozen, \$3.50 per 100

Russian Statice

Statice suworowi. This is a very beautiful Statice, especially for mixing with other flowers in bouquets. The color is a dainty orchid-pink and the flowers are produced in long, slender clusters which are sometimes branched. These slender heads of flowers give it the name of Rat-tail Statice.

Price \$1.00 per dozen, \$7.50 per 100

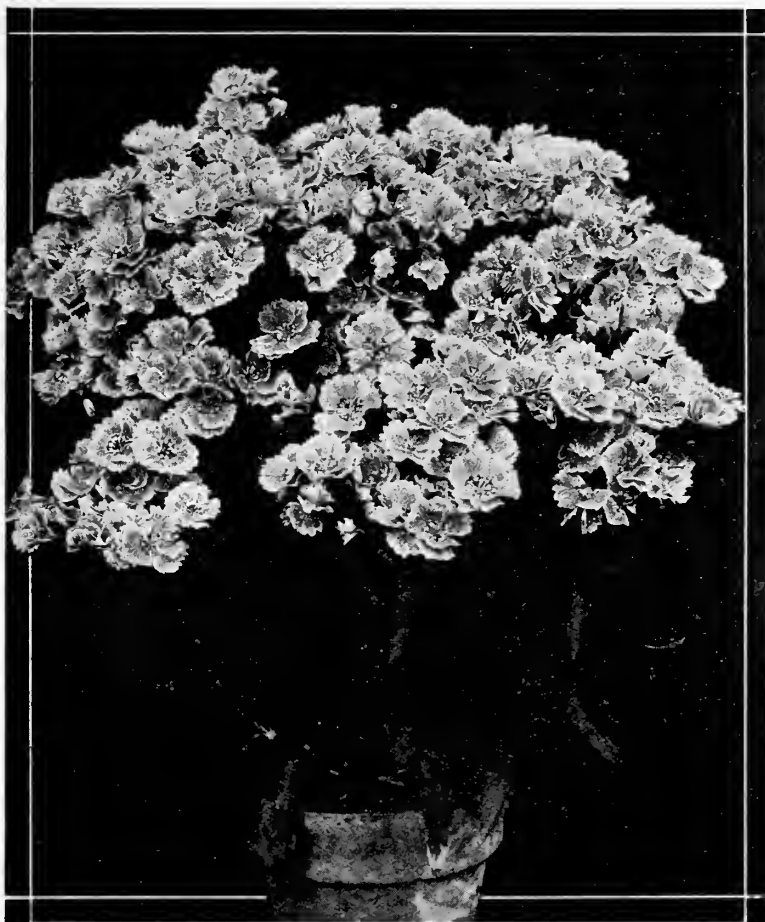
Statice sinuata. This is the annual Statice, the sprays of blossoms of which are so often used in everlasting bouquets. Blue, yellow, rose and white.

Price 50c per dozen, \$3.50 per 100

Annual Sweet William

A very valuable hybrid strain which blooms the first year from sowing. The flowers are larger than those of the perennial and being produced in looser heads are more adaptable for cutting purposes. A splendid mixture of colors.

Price 50c per dozen, \$3.50 per 100



Sweet Wivelsfield

Salpiglossis

Undoubtedly one of the most attractive annuals and should be in every flower garden. The blossoms are tube shaped, much like a petunia but even more beautiful in color display. Each flower is veined with a glint of gold beside the many and varied hues of bronze, purple, yellow, and gold that are contained in it. If you have not grown *Salpiglossis*, you should try it. **Ready May 1st.**

Price 50c per dozen, \$3.50 per 100

Zinnias

The most gorgeous annuals that can be grown, and the range of colors is wonderful. Beautiful old rose, dainty cream, and soft pinks, striking red and brilliant yellow, orange and burnt orange, lavender and purple.

We grow large quantities each year and can supply them in separate colors; white, cream, primrose, yellow, burnt orange, salmon pink, pink shades, scarlet, crimson and purple. Also Dwarf Types.

See seed list for varieties and descriptions.

Price 50c per dozen, \$3.50 per 100

Mail Orders given prompt and careful attention. Orders outside our delivery district at 10c per dozen for postage.



SUB-TROPICAL FRUITS

Cherimoya (ANONA CHERIMOYA)

A delicious sub-tropical fruit which should be planted in every location where there is comparative freedom from frost. Large, boxed, budded trees.

Price \$5.00 Each

Sapota (CASIMIRCA EDULIS)

A handsome semi-tropical tree almost as hardy as the orange, of quick growth with deep glossy green leaves. The fruit of the select budded variety is most delicious—being of a rich aromatic pleasing flavor. Select budded varieties, large, boxed plants.

Price \$5.00 Each

Feijoa (FEIJOA SELLOWIANA)

A large shrub growing to a height of ten to fifteen feet. With its leaves which are glossy dark green above and silvery below, and its beautiful bluish-white flowers, conspicuous red stamens, it is well worth planting for ornamental purposes alone. But the most valuable asset is its delicious fruit of a spicy aroma and flavor, best described as a mixture of pineapple, banana and raspberry. The fruit is excellent eaten out of hand, or made into preserves, jellies, salads, etc. The select grafted varieties produce quantities of fruit about the size of a large egg. The shrub will stand a temperature of 16 degrees above zero.

Choiceana. Large fruit, exceedingly fine flavor; heavy bearer, ripening in November. Extra large field grown plants.

Price \$1.50 to \$3.50 Each

Guava (PSIDIUM CATTLEIANUM)

RED STRAWBERRY GUAVA

A vigorous evergreen shrub, standing sharp frosts unharmed, having handsome dark glossy green leaves. A fine plant for ornamental and hedge use, as well as for quantities of luscious red sub-acid fruit about the size of a large cherry. This is excellent for table use as well as for making the well-known guava jelly.

YELLOW STRAWBERRY GUAVA

Similar to above except in color and size.

Price 35c Each, Large plants, \$1.50 Each

Lemon Guava (PSIDIUM GUAJAVA)

One of the choicest of the guava family. Fruit is large, pear shaped, and yellowish green in color. The plant is quite tender and should be planted in a frostless position. Plant is strong grower, attaining a height of 8 to 10 feet.

Price: 1 gallon can, 50c each

Loquat (ERIOBOTRYA JAPONICA)

The tree is an ornament to any garden with its large evergreen leaves and shapely top. While the seedlings often bear when quite young, it is much more satisfactory to plant the budded varieties. These bear good crops of best quality fruit.

Advance. Large pear shaped fruit of delicious sub-acid flavor, borne in large compact clusters; ripens in May.

Champagne. Large fruit of finest quality. Not as heavy a bearer as Advance, but the size of the fruit makes up for the difference in quantity. Skin deep yellow, flesh clear white, melting and juicy. Ripens April to June.

Thales. One of the largest loquats cultivated. This Chinese variety has a thin skin and thick orange flesh of rich distinctive flavor. Ripens from May to June.

Price \$2.50 Each

CITRUS FRUITS

Unusual care is taken in the selection of bud-wood for our citrus fruits, and they are skillfully grown and the perfectly shaped healthy trees are delivered to our customers in the best condition for planting. It will pay you to plant these superior trees.

Prices this year are the lowest they have ever been for high quality trees. We have several sizes, carefully graded. Visit our nursery and select the sizes you wish to plant, or we will gladly quote you prices by phone or letter.

Tangerines

Algerian. The earliest to ripen, sweet and ready to pick from December to March. The fruit is excellent and the tree is handsome in appearance.

Dancy. The standard variety. Fruit is medium sized, sweet, with deep orange rind. Ripens from February to August.

King Mandarin. A very large variety with a thick rough peel which separates easily from the delightfully flavored flesh. Ripens from March to August.

Satsuma. Fruit deep orange in color, flesh very tender, sweet, juicy and seedless. The tree is rather dwarf and extremely hardy.

Willow-leaved Mandarin. In addition to bearing heavily, fruits of very rich, juicy quality, this tree is also very desirable as an ornamental. The foliage is smaller than on other citrus trees, and the tree is very dense and bushy. It makes a beautiful specimen.

Pomelo—Grape Fruit

Marsh's Seedless. The best and most popular variety; sweet, juicy and almost seedless; can be eaten without sugar when fully ripened. Lemon yellow; rind thin and smooth; flesh dark and rich. Bears early and keeps late.

Oranges

Ruby Blood. Medium size; nearly round. Skin thin, but very tough; pulp melting, rich and juicy. When ripe usually mottled with blood-red and often the entire center is ruby-red. The best Blood Orange.

Valencia Late. Large, oval, solid and heavy; flesh is exceedingly juicy; skin thin and of a strong texture. Keeps well on the tree throughout the summer and maintains its fine quality as late as September. Ripens when all other varieties are gone.

Washington Navel. World famous. Fruit large, solid and heavy; very juicy; seedless. Skin smooth and of very fine texture. Tree vigorous and heavy bearer. December to May.

Lemons

Eureka Lemon. The celebrated California lemon and favorite shipping variety. Medium size; smooth, glossy, heavy, juicy and well flavored. Keeps well. Tree is vigorous grower, almost thornless and a prolific bearer. Greatly in demand because flowers, green and ripe fruit, are borne almost the entire year. Especially heavy crop in the middle of the summer when lemons are much in demand. Prune only enough to keep the tree shapely as the extra foliage protects the fruit from sunburn.

Lisbon. An old favorite variety; tree hardier than most others. Fruit of excellent quality. Tree thorny.

Villa Franca. Large, beautiful fruit, borne on strong growing trees of open, spreading habit.

CALIFORNIA FRUITS

By E. J. WICKSON

Professor Wickson is a recognized authority on California growing conditions and has added much to the knowledge of horticulturists throughout the state. In his book on fruits, we have one of his most popular works, covering the growing, marketing, etc., of all fruit crops in California, and also including a chapter on the less common tropical fruits.

Price \$4.00

Limes

Limes are much prized for their sprightly flavored juice. They are quite easily grown, and bear when quite small, and will withstand almost as much frost as the lemon.

Bearss Seedless. A large yellow lime; fruit resembling a small lemon. It is very juicy, with high flavor, and very acid. The finest variety.

Mexican. This bears extremely heavy crops of very acid, small, greenish, fruits. Most of those seen at soda fountains are of this variety.

Rangpur. This is hardier than the other limes, and the small bushy trees bear heavy crops of extremely acid fruits, the color and shape of a tangerine. Makes a beautiful colored, delicious beverage.

Sweet Lime. A large fruit, with the lime flavor, but very little acid.



Washington
Navel
Orange

AVOCADOS

For practically every section of Southern California excepting regions of extreme heat or cold, there are one or more varieties of this valuable fruit which can be grown. The Avocado makes a very ornamental tree and is admirably adapted to home planting.

While the Avocados must have a goodly amount of moisture, they thrive best in soils where there is good drainage. In orchard plantings the trees should be set from 30 to 40 feet apart, each way, thus allowing for full development of the trees.

Avocado trees are of two distinct types. The trees bearing the thin-skinned fruit are the hardier and can better endure the extremes of heat and cold than the thick-skinned varieties, which should be planted in latitudes suitable for the growth of lemons.

THICK SKINNED VARIETIES

Anaheim. The fruit of this variety is uniform, oval in shape, with a glossy green, pebbled skin. 18 to 24 ounces in weight. A fine fruit for commercial and home plantings. Tree is rather slender in growth, requiring less space than most varieties. June to September.

Dickinson. Weight 9 to 16 ounces. Shape oval. Dark purple skin, very thick. Very heavy bearer. Not as hardy as some other Guatemalan varieties. June to October.

Fuerte. Fruit pear-shaped, dull green in color and matures at an exceedingly good time, January to March. Weighs from ten to sixteen ounces and has a medium-sized seed. Shows as high as 30% fat or oil; is one of the highest in this respect yet tested. This, together with its many other good qualities, gives it rank as one of the best thick-skinned varieties.

Mayapan. Recently introduced by the Department of Agriculture. Tree is tall and slender. Fruit is nearly round, about 16 ounces in weight. Skin thick, brownish purple in color. Flesh of fine quality. Valuable because of its early and heavy bearing. May to August.

Nabal. This is a new avocado with a large round fruit weighing from 16 to 20 ounces. The skin is green, slightly pebbled. Flesh of high quality, with rather a small seed. Ripens from June to July.

Panchoy. One of the largest fruiting varieties we have, averaging two pounds in weight, with a small seed. Pear-shaped, with rough, green skin. Quality good. The tree is very ornamental, and comes into bearing early. June to August.

Prince. A large fruited variety, ripening at a time when Avocados are scarce. Weight 12 to 20 ounces, with a very small seed. Flesh of high quality. December to March.

Queen. This has always been in favor because of its large size and high quality. Fruit $1\frac{1}{2}$ to 2 pounds in weight, purplish maroon in color, pear-shaped, with a rough skin. March to October.

THIN SKINNED VARIETIES

Caliente. A hardy variety with thin skin of purple color. This variety seems well adapted to a wide range of planting, bearing heavy and regular crops in all sections in which it is planted. The fruit also has the advantage of ripening off the tree if picked before fully ripe. It is of medium size, ripening from September to October.

Ganter. Of vigorous growth, with large rounded top and a prolific bearer. Fruit of the thin-skinned variety, oval to oblong in shape, measuring from $3\frac{1}{2}$ to $4\frac{1}{2}$ inches in length, and $2\frac{1}{4}$ to $3\frac{1}{4}$ inches in diameter; greenish in color. Excellent flavor and quality. Parent tree located at Whittier, California. Fruits from September to December.

Mexicola. This is one of the heaviest and most consistent bearers we know. While the fruit is rather small, there is a large proportion of flesh, which is very rich and fine flavored. An exceptionally good variety for home use. September and October.

Puebla. Obovate fruit of purplish color—skin smooth and medium thick. Flesh rich with a high percentage of fat. This variety is prolific and bears when young.

Prices on Avocados range from \$2.00 to \$10.00 Each
According to Size.

DECIDUOUS FRUIT TREES

We have selected varieties of fruits and berries which are most reliable for home garden and small orchard planting, and our trees are extra large, with vigorous root systems. We will be pleased to advise you which kinds are best for your particular location.

Apples

Price: 60c each, \$5.00 for 10

The following varieties of apples can be successfully raised in the coastal region of Southern California.

Delicious. A highly flavored, beautifully colored red apple, splashed with yellow.

Transcendent Crab. A heavy hearing crab apple of sprightly, sub-acid flavor, fine for preserving and jelly.

Winter Banana. One of the best for Southern California conditions. Skin yellow, tinted with rose; flesh crisp, and highly flavored.

White Winter Pearmain. A high quality, crisp, late ripening variety.

Yellow Bellflower. Good eating and cooking apple; heavy bearer.

Almonds

Price: 60c each, \$5.00 for 10

Almonds bear best when two or three trees of different varieties are planted together.

I.X.L. Soft-shell medium sized with plump kernel.

Nonpareil. Regular hearer of good crops. Nuts of very high quality.

Texas Prolific. A very heavy hearer of fine quality, soft-shelled nuts.

Apricots

Price: 60c each, \$5.00 for 10

One of the best fruit trees for garden planting.

Royal. The most widely planted variety, popular because of its richly flavored, highly colored fruit. A heavy and regular bearer. Ripens in June.

Newcastle. A very early variety, ripening in May. Fruit light yellow, of good quality.

Moorpark. Large fruit of very high quality, ripening in July.

Cherries

Price: 60c each, \$5.00 for 10

While not suitable for general planting there are many places where cherries are successfully grown in Southern California.

Bing. Very large red cherry, fine for eating fresh or canning.

Black Tartarian. Dark colored fruit with a very rich flavor.

Morello. This is a rich flavored, sour cherry, and succeeds in most sections of Southern California.

Royal Anne. Large, white cherry, with red cheek.

Figs

Price: 60c each, \$5.00 for 10

Figs can be easily raised in almost any section, and are a very valuable fruit for the back yard or orchard.

Black Mission. The leading black variety, fine for eating fresh, canning, or drying.

Brown Turkey. A very large, purplish brown fig with red flesh. This is sold extensively on the market, and brings a good price. It is very satisfactory because it is a heavy and certain bearer.

Brunswick. A very fine fig, light brown, medium sized, and rich flavored. Valuable for its early crop.

Kadota. The most popular white fig with pale amber flesh, very rich and sweet.

White Adriatic. Large green fig with rich flavored, red flesh.

White Genoa. Large, pear shaped white fig, with finely textured amber pulp. Bears large crops.

Nectarines

Price: 60c each, \$5.00 for 10

These are smooth-skinned fruits with a very highly flavored, crisp flesh.

Gold Mine. One of the largest and finest Nectarines; originated in New Zealand. Red and Yellow skin, with white juicy flesh of excellent flavor. Heavy bearer.

Gower. Early, large, green fruit with red cheek.

Stanwick. Pale green, with maroon cheek. Flesh white and delicious.

Peaches

Price: 60c each, \$5.00 for 10

J. H. Hale. The best yellow freestone for home use. Fruit very large, rich yellow in color with a red cheek, and yellow flesh. Firm, yet tender, juicy and sweet. Excellent for canning and delicious when fresh. Ripens in August.

Elberta. One of the most widely known yellow freestones, of excellent quality. August.

Early Crawford. A good early variety for home gardens, freestone, rich yellow, ripens in late July.

Lukens Honey. The most delicious white peach we know, and for home use it is unexcelled. The skin is white, with a pink cheek; the flesh is white, juicy and very sweet, with a delightful flavor.

Early Imperial. For an early peach, this is the best, ripening in late June. Yellow freestone of rich flavor.

We also have the following good varieties:

Mayflower, Australian Saucer, Strawberry Free, Salway, White Heath Cling, Phillips Cling.

Plums

Price: 60c each, \$5.00 for 10

Satsuma. Large firm, and deep red from skin to pit.

Green Gage. Yellowish green, rich, juicy and sweet.

Santa Rosa. A large oval fruit of a purplish-maroon color, with amber flesh.

Wickson. Large, yellow, with red cheek.

Burbank. Heavy bearer. Red and yellow, with yellow flesh.

Climax. Very early. Red and yellow; yellow flesh, rich and sweet.

GRAPES AND BERRIES

Grapes

Western or Sweet Grapes; 15c each, \$1.25 for 10

Alicante Bouchet. Black, makes bright red juice.

Black Manukka. Seedless, black Persian grape, larger than Thompson Seedless.

Black Muscat. Rich, highly flavored table grape.

Emperor. Late red table grape.

Mission. Standard juice grape.

Malaga. Early white table grape.

Muscat. Very sweet, late.

Rose of Peru. Large, round, black grape. Popular for growing on trellis.

Thompson Seedless.

Tokay. The leading red table grape.

Zinfandel. A valuable juice grape, making a red juice.

Khalili. A new white Persian grape, which ripens earlier than any other.

Ribier. Very large, crisp and delicious, black.

Hardy Eastern Grapes; 20c each, \$1.50 for 10

Concord. Black.

Niagara. Best green.

Pears

Price: 60c each, \$5.00 for 10

Bartlett. The most popular variety in California, and a large, beautiful fruit of delicious flavor.

Winter Bartlett. Popular late variety.

Persimmons

The Persimmons make very ornamental trees for the garden, and their large, bright fruits ripen late in the fall, making a beautiful appearance on the shapely trees. The fruits are delicious, and are becoming more and more in demand both for home and market use.

Hachiya. The leading commercial variety and a large oblong fruit of high quality. The flesh is sweet and rich, and practically seedless.

Price \$1.00 each

Fuyu. A valuable new persimmon with large somewhat flattened fruits, entirely without astringency, and may be eaten while hard, like an apple.

Price \$1.25 each

Prunes

Price: 60c each, \$5.00 for 10

French. Very sweet and rich, and suitable for eating fresh and drying.

Standard. Large, and fine for home use. A good bearer.

Quince

Price: 60c each, \$5.00 for 10

The Quince forms an ornamental bush or small tree, and the fruit makes wonderful preserves.

Pineapple. Very aromatic, large and smooth, of fine quality.

Walnuts

Placencia Perfection. The most profitable and popular walnut in Southern California. Kernels are plump, full white meat, and of excellent flavor and quality.

PRICES

10 to 12 feet—\$1.75 Each

5 to 6 feet—\$1.25 Each

Jujubes

(ZIZIPHUS JUJUBA)

The fruits of these are valuable for eating fresh, dried or preserved. The fresh fruits are crisp and sweet; but the dried or preserved ones are preferred by most people. The fruit is borne abundantly on small slender trees, which are also very ornamental. The foliage is deciduous.

Price: 6 foot trees, \$2.00 Each

Berries

Price 15c each, \$1.25 for 10

Blackberries. Cory's thornless, Himalaya, Mammoth and Dewberry.

Youngberry.

Raspberries.

Loganberry.

Black Cap, St. Regis, La France.

STRAWBERRIES

Strong plants with heavy root systems.

Banner, Carolina, Progressive.

35c per dozen, \$2.00 per 100

Mastadon. 40c per dozen, \$2.50 per 100.

Asparagus Roots

Price—35c Per Doz.; \$2.00 Per 100; \$15.00 Per 1000

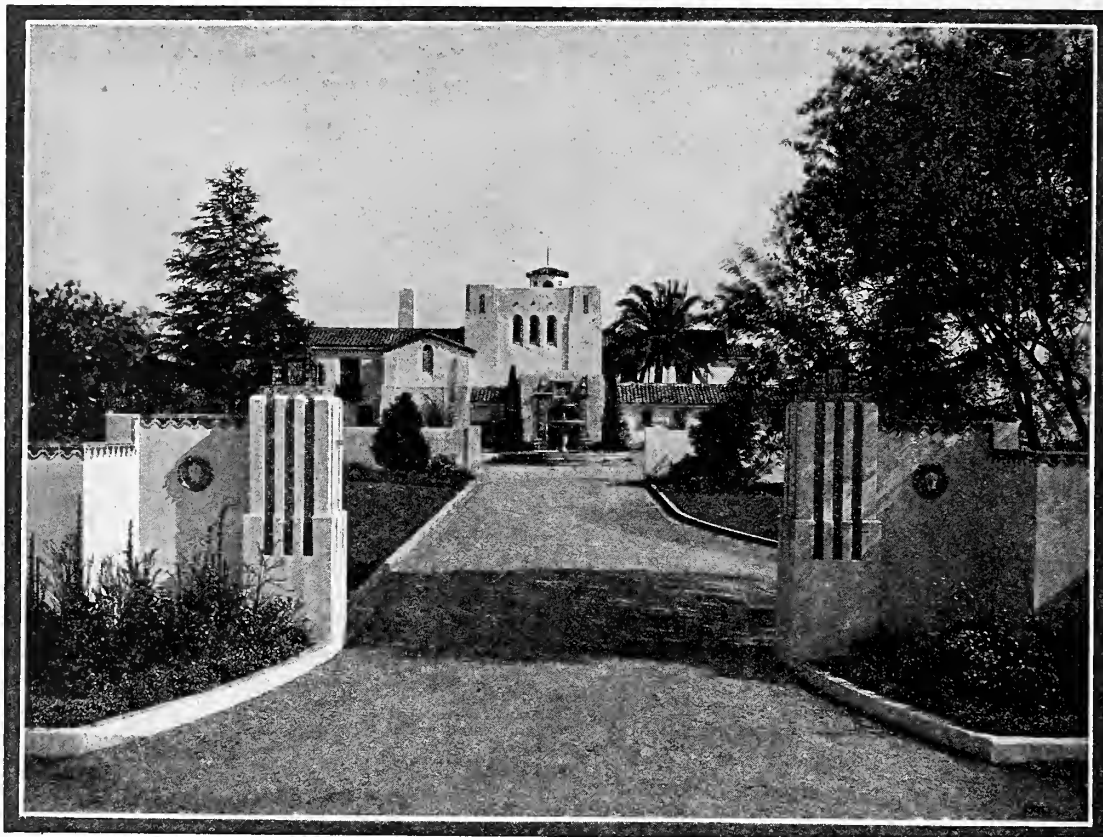
Palmetto. A good variety for home or market—Bright Green.

Martha Washington. A very early asparagus.

Artichokes

Price 35c Each; \$3.50 Per Dozen

Green Globe. A variety that has proven very satisfactory.



SHRUBBERY

In the selection of shrubbery, it is well to keep in mind the location for which you are making the selection, as some shrubs thrive better in sun than in shade, and others prefer a little of both sunshine and shade. Some varieties may be strong growers while others may be more dwarf in habit.

Our wide experience in landscape work and our desire to instill into the minds of the people a desire for well-ordered, well-planted gardens, has led us to specialize in this branch of our business. The carefully selected list of Evergreen Shrubbery grouped under this head will give you the best results in your desire for pleasing landscape effects in your plantings.

SPECIMENS: For those who desire immediate effects, which can only be obtained by planting large trees and shrubs, we have an unlimited supply of large specimens. These are most all established in boxes and can be transplanted with absolute safety. It is well to make personal selection of these specimens as they vary in size, shape, and price.

PLANTING NOTE: When the plants are delivered balled, the earth being wrapped in burlap, DO NOT REMOVE THE BURLAP. Simply place the ball in the hole prepared, cut the strings, and leave the burlap undisturbed. It will rot away in a short time and should you remove it, you would be apt to break the ball of earth and disturb the root action and cause the plant to die.

SIZES AND PRICES OF SHRUBBERY

Owing to the many sizes of shrubbery which may be moved, we do not here quote prices. At our Chatsworth nurseries we grow thousands of splendid shrubs, and we can supply practically any size desired. Prices this year are very low, and we will be pleased to quote by phone or letter.

EVERGREEN SHRUBS

Abelia

Abelia grandiflora. Excellent clean and attractive shrub, 5-6 ft. in height. Valuable for mass planting, or foundation work. Has shiny, bronzy green foliage, and a profusion of pinkish white blossoms in large clusters. Prefers full sun or partial shade.

Arbutus

Arbutus unedo, Strawberry Tree. Large shrub 10-15 ft. of great value for decorative planting. Foliage large, deep glossy green, and bears attractive scarlet strawberry-like fruits, and rosy white flowers in clusters. Needs a sunny position.

Aucuba

Aucuba japonica. Gold dust plant. Symmetrical and shapely shrub, valuable as a pot plant, and for planting in the gardens in shady places. Grows about 3 ft. high, and has large, leathery, shiny leaves, covered with golden-yellow dots.

Azara

Azara microphylla. Large shrub of open graceful habit. Has very small, glossy green leaves which contrast beautifully with the gray bark of the slender stems. Prefers a sunny place, not too wet soil.

Bouvardia

Handsome low growing, rather spreading shrubs with slender branches and clusters of tubular flowers, flaring at the edge. Fine in the border of flowering shrubs. The flowers are much prized in England where they are grown under glass for florists' use; it should be grown in our gardens much more than it is for cut-flowers, as they are very decorative and lasting. Thrives best in a light loamy soil.

Buddleia

Tall, hardy shrubs, bearing long spikes of lilac-like blossoms, many of which are fragrant. Bushes are rather straggly in growth, unless kept well pruned. Chiefly valuable against walls, fences, garages, and for their pretty blossoms, which are very desirable for cut flowers.

Buddleia asiatica. White, fragrant flowers in winter. Branches slightly pendulous, foliage grayish green.

Buddleia farquhari. Similar to *B. asiatica*, but the blossom spikes are larger, and pale lavender in color.

Buddleia madagascariensis. Another winter blooming variety, with large spikes of rich yellow blossoms. Foliage is deep shiny green above, and silvery on the back.

Buddleia magnifica. (Butterfly Bush, or Summer Lilac) Flower spikes deep lilac-purple, often twelve inches in length, blooming in summer.

Buxus (BOXWOOD)

These very ornamental shrubs are quite necessary in the formal garden, as well as being attractive in shrubbery groups. For tub culture as specimens they are unequalled, as they stand trimming into any desired shape.

Buxus japonica. (Japanese Boxwood). Makes the most attractive bright green low border or hedge. Its glossy foliage gives a finished appearance to the garden. It is also the best species for trimmed specimens, either in tubs or in formal gardens.

Buxus sempervirens. (English Box). This variety has darker foliage, and is not so well adapted to all locations in California. It trims well, and can also be used for low borders.

Cantua

Cantua buxifolia. This plant can be used as a semi-vine or as a shrub useful for covering banks or terraces. Flowers are about two and one-half inches long tubular shaped, and bright red in color; very showy.

Callistemon (BOTTLE BRUSH)

Shrubs native to Australia, thriving exceedingly well in our climate. Single specimens often form small trees; when trimmed, they make very desirable shrubs for mass planting. They succeed admirably in dry locations; requiring well drained soil.

Callistemon hybrids. The flowers of this variety vary in their shades of red, orange scarlet, crimson and rose.

Callistemon speciosa. Large shrubs with willowy branches and leaves, and deep red "Brushes".

Cestrum

Cestrum aurantiacum. Attractive shrub, native of Central America, quite hardy here. Will grow with more moisture in the soil, than a good many of our usual shrubs. The flowers are borne in panicles, deep orange in color.

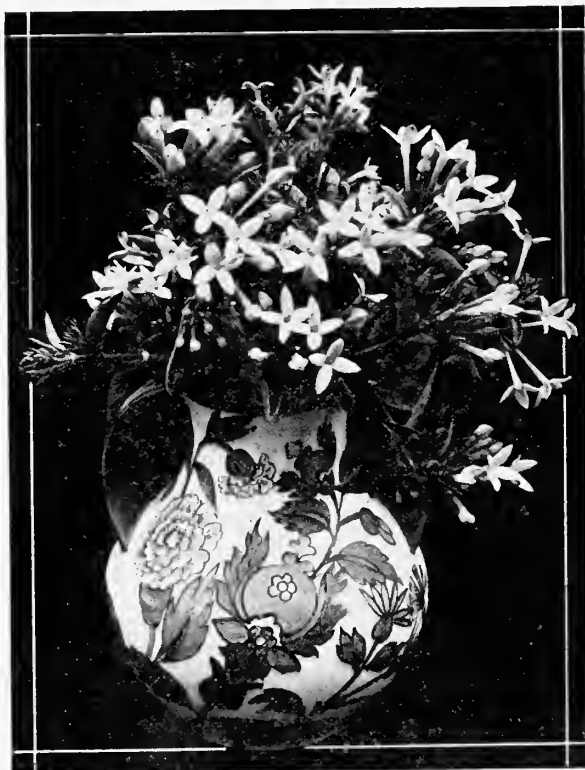
Cestrum elegans. (*Habrothamnus*). Tall, rather slender shrub of upright growth. Bears almost continuously tubular flowers in large clusters at the ends of drooping branches. Flowers are a bright rose red, and are followed by berries of the same color.

Cestrum fasciculatum. Very similar to above, having larger leaves and flowers. Flowers and berries are deep crimson, brighter than *Cestrum elegans*.

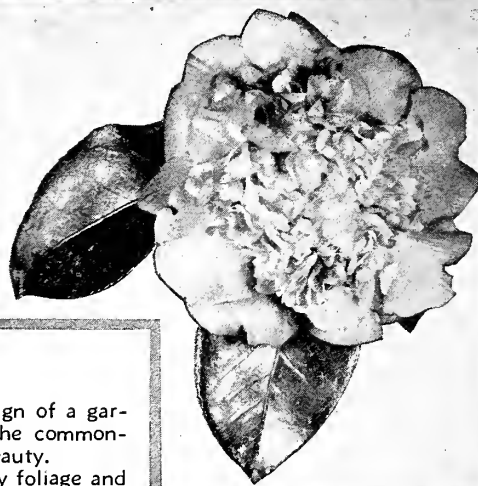
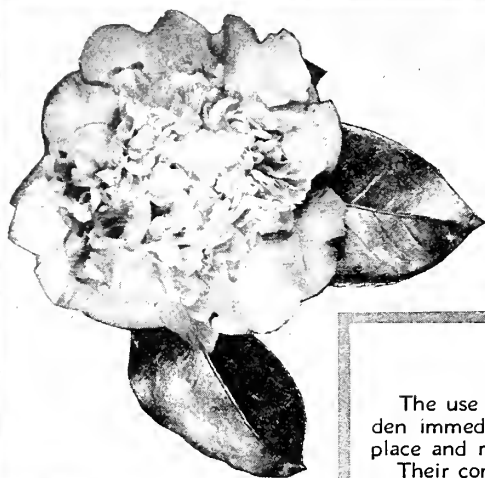
Cestrum parqui. (Night-blooming Jasmine). Medium sized shrub with yellowish green leaves and stems, bearing clusters of small cream-colored flowers, which are extremely fragrant, only at night.

Carissa

Carissa grandiflora (Natal Plum). One of the most beautiful of our evergreen shrubs. The foliage is dark glossy green, and very dense. Flowers are waxy, pure white, with a jasmine-like fragrance and when in bloom, the bush has the appearance of being covered with stars. The fruit is an additional attraction; bright red, like a very large cranberry, and is edible. The shrub stands shearing well, and is admirably adapted to seacoast planting, even withstanding salt-spray. Also succeeds in the interior, if given frost protection.



Bouvardia



CAMELLIAS

The use of Camellias to enhance the design of a garden immediately lifts that garden out of the commonplace and results in a setting of unusual beauty.

Their compact, shapely growth, rich glossy foliage and lovely wax-like blossoms which are freely produced in the winter make them most desirable subjects for landscape planting. That they are of rather slow growth is often in their favor; they do not outgrow quickly the space allotted to them, and their flowers are freely produced even on very small plants.

Always among the most prized garden subjects, there is a re-awakened interest in the culture of Camellias since people are discovering the ease with which they may be grown as garden shrubs. They are adapted to all types of gardens, and may be planted in the shade or partial shade, requiring only that the soil be well drained. The addition of leaf-mold or peat-moss to the soil is very beneficial, and if the soil is heavy and has a tendency to stay wet, it should be raised a little above the general level of the garden.

We have a splendid collection of varieties, including rare and new ones from Japan. Some have large, very double and symmetrical flowers, while others are single or partly double of delightful informal beauty.

Alba Plena. Pure white, double, of perfectly symmetrical formation. \$3.50.

Double Rose. Similar to Pink Perfection; deep rose pink. \$3.50.

Chandleri elegans. One of the handsomest of all. Peony type, often seven inches in diameter. Rose pink marked with white. Fine plants, \$7.50 each.

Dai Kagura. Very large, full double red, sometimes blotched with white. Rare and lovely. \$7.50.

Grandiflora rosea. Magnificent large semi-double flower, rich rose pink; prominent tasseled stamens. Very scarce. \$10.00.

Kumasaka. The finest of all clear pink camellias. Very large, double and free blooming. A rare Japanese variety. \$7.50.

Matsu Kasa. Another choice Japanese variety. The name means "pine cone" so-called from the shape of the flower. Rose with white spots. \$7.50.

Pink Perfection. Everyone likes the perfectly formed, waxy shell pink flowers of this variety, which is a strong grower and very prolific. Should be planted freely. We have many sizes in Pink Perfection, from 75c to \$10.00.

We have a limited quantity of other rare varieties and some beautiful specimens in large boxes.

AZALEAS AND CAMELLIAS, by H. H. Hume. Every point about growing these shrubs carefully explained—soils and method of planting, cultivation, mulching, feeding, pests and diseases. This information holds good wherever either shrub is grown, indoors or out. 14 illus., 90 pages, \$1.50.



Cassia

Cassia artemesiodoides. Valuable for its finely cut silvery foliage, and deep yellow fragrant flowers. Excellent for dry sunny locations. Plants grow four to six feet high, and quite bushy.

Cassia narbonensis. Attractive bushy shrub, growing ten to fifteen feet high. Grows very rapidly, and blooms freely; long spikes of deep golden yellow flowers as large as a cluster of wistaria blooms. Leaves pinnate, bright green. Shrub well adapted to dry locations.

Cassia tomentosa. This variety makes a small tree and is useful for specimen plantings in gardens and along sidewalks. Plants are covered with a dense dark green foliage, and bear quantities of bright golden yellow bloom, in clusters.

Ceanothus (WILD LILAC)

Beautiful shrubs with attractive foliage, and lovely dainty flowers. We list some of the best varieties which will be found very satisfactory for shrubbery borders and hillside plantings where a native effect is desired. All varieties must have well drained soil.

Ceanothus arboreus. Makes a large shrub or small tree of very rapid growth. Leaves larger than most other varieties, dark glossy green. Flowers in large trusses, light blue.

Ceanothus cyaneus. The very dark blue variety, native to the mountains in San Diego County. Small glossy foliage. Very beautiful.

Ceanothus thyrsiflorus. (Buckthorn). Of thick compact growth; small dark green, shiny foliage, light blue flowers.

Ceanothus French Hybrid. Beautiful shrubs of smaller growth than the native species. Leaves large and glossy, and the feathery flowers come in many attractive shades of blue, and pink.

Choisya

Choisya ternata (Mexican Orange). Fine rounded shrub for sun, or part shade, 4-5 ft. with glossy deep green foliage. Fragrant white flowers, like orange-blossoms.

Chorizema

Chorizema illicifolia. Handsome, low spreading shrub, with slender branches. Suitable for sun or shade. Foliage holly-like. Pea-shaped flowers borne in loose, branched racemes, and are a combination of cerise and orange in color.

Cistus (ROCKROSE)

Useful flowering shrubs, small or medium sized, of compact bushy habit. Very hardy, thriving with little moisture. May be used on banks, terraces, or hillsides, and in large rockeries. The single rose-like blossoms are most attractive.

Cistus maculatus. Grows 3 to 4 feet high, very dense and spreading. Flowers are pure white with a conspicuous crimson spot near the base of each petal.

Cistus salviifolius. This shrub has long, slender, and sometimes drooping branches. Leaves medium sized and rather woolly. Medium sized flowers of lilac pink, with crepe-like petals.

Coprosma

Coprosma baueri. Sometimes called Varnish Plant or Wax Plant on account of its glossy bright green foliage. Forms a bushy shrub, somewhat sprawling unless properly pruned. Especially valuable for planting near the house either in shade or sun, but its bright green foliage is apt to be monotonous unless planted with other shrubs or perennials to give color.

Coprosma baueri variegata. A pretty form of the above, with foliage variegated golden yellow or cream.

Cornus

Cornus capitata. (Evergreen Dogwood). This is a splendid shrub or small tree, growing to a height of fifteen feet. Flowers two or three inches across, similar to the Eastern Dogwood, creamy white in color, changing to light rose as they age, followed by large showy red fruit. Quite new and scarce, and makes a beautiful specimen plant.

Coronilla

Coronilla glauca. Compact shrub, about 4 feet high, with fine gray-green foliage and bright golden yellow flowers in round clusters. Fragrant. Withstands drought.

Cotoneaster

The Cotoneasters are among our most useful and decorative shrubs. Their clean cut foliage and bright colored berries make them indispensable in the landscape planting. As a rule they grow best in a well drained soil, where they will not be over-watered. We offer a splendid assortment all of which are perfectly reliable.

Cotoneaster francheti. This variety is one of the handsomest with long slender arching branches densely foliaged with oval silken-like leaves, dark green above, and silvery below. Bears quantities of bright orange berries.

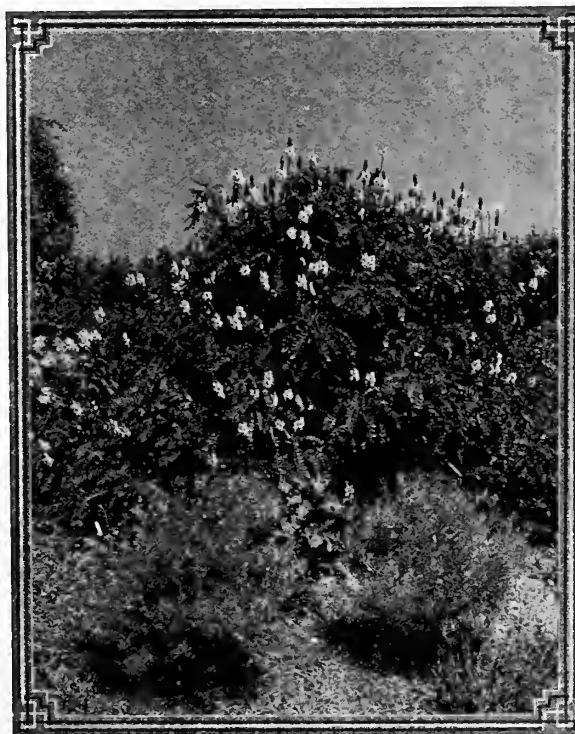
Cotoneaster heroviana. One of the newer varieties and without question one of the most desirable of the berry-bearing shrubs. Of pendulous habit, and the graceful branches are well covered with bluish-green foliage. Flowers are borne in clusters and are delicate flesh-pink. The berries, in large clusters are a beautiful holly red and remain on the bush well through the winter months.

Cotoneaster horizontalis. One of the best low growing shrubs for the corners of the lawn, or wherever a low spreading shrub is desired. The horizontal branches are clothed with small bright green leaves, which turn a beautiful autumn color in the fall months. Flowers pinkish white followed by bright red berries in great profusion. The plant is nearly without foliage in the cold weather, but is well covered with berries at that time.

Cotoneaster microphylla. Beautiful shrub two to four feet high, with tiny, round, evergreen foliage. Deep-rose colored berries follow the clusters of flesh-pink flowers. Good for massing with low shrubs, and for rockery planting. Also if planted on the terrace on either side of the steps.

Cotoneaster pannosa. The most erect and tall growing variety, with bright red berries. Branches grow 8-10 ft. high, gracefully arched.

Cotoneaster salicifolia. Very pretty and graceful. The willowy, pendulous branches are clothed with most attractive olive-green foliage. Bright red berries borne in autumn and winter.



Cassia narbonensis

Diosma

Diosma ericoides. (Breath of Heaven). Small rounded heather-like shrub, bearing small white flowers in great quantities. The finely cut foliage is extremely fragrant. Must have good drainage.

Dombeya

Dombeya wallichii. Large-leaved, tropical shrub of rapid growth, reaching a height of ten to twelve feet, round and bushy, if well pruned. The flowers are unusually beautiful, being shaped like an eastern Snowball, and a clear bright pink in color. They are produced on drooping stems, blooming in the Winter. Will not stand much frost.

Duranta

Duranta plumieri. (Golden-dew-drop). An attractive and useful strong-growing shrub, with glossy green leaves. The flowers are borne in drooping racemes toward the end of the branches and are a beautiful sky-blue. Waxy golden yellow berries follow the flowers, and are carried well through the winter. The shrub is tall growing, and unless trimmed will attain a height of 20 to 25 feet. Adapted to almost any soil.

Duranta plumieri. (variegated). Same as the above, with beautifully variegated leaves, golden yellow and green.



We have splendid trimmed specimens of *Eugenia* in tubs and boxes.

Eleagnus (OLEASTER)

Eleagnus pungens reflexa. Highly ornamental shrub, with attractive foliage. Of spreading habit, growing about four feet high; leaves are quite large, with waxy margin, smooth above except for numerous small, waxy, brown specks, and silvery beneath. This coloring gives it a very striking appearance. Works in well with other shrubbery, or makes a good specimen.

Erica (HEATHER)

Most of the *Ericas* are rather particular about soil and moisture conditions, and there are many places, especially in the vicinity of Los Angeles, where they do not succeed. While they do not necessarily require a light soil, the drainage must be good, and the soil should not be alkaline.

Erica melanthera. Our most popular Heather, succeeding more generally, and is a fine winter bloomer, being covered in the fall and winter, with tiny pink flowers.

Erica mediterranea. More compact growing than the above, with darker foliage, and deep rose colored flowers in early spring.

Escallonia

Useful shrubs from South America, well adapted to our locality. Medium tall, of a loose, spreading habit. Their attractive flowers contrast beautifully with the glossy, dark green foliage. Splendid for massing in groups or even in hedges. Well adapted to heavy soil. Six to eight feet in height.

Escallonia langleyensis. The most graceful of the group, with smaller leaves, and pretty clusters of pink flowers.

Escallonia montevidensis. Produces large masses of snowy white flowers in great profusion.

Escallonia rosea. Dark green foliage, and clear pink blossoms.

Escallonia rubra. Shrub of smaller growth than the rest, with red flowers, and dark foliage.

Eugenia

Attractive shrubs, or small trees, having creamy white flowers, formed like English Myrtle only much larger, followed by purplish red fruits in great profusion. The foliage is bronzy red when young, and a deep shiny green when developed. They are strong growers and lend themselves well to formal gardens, as they trim into any desired shape. They are also good in pots or tubs, and will grow in the sun, or partial shade.

Eugenia hookeri. Foliage and fruit larger than *E. myrtifolia*, and not so dense, unless trimmed, but like boxwood, stands trimming and is taking the place of Bay trees for specimen plants.

Eugenia myrtifolia. Very dense in growth, sometimes used for hedges, for which it is a beautiful subject. Also makes neat, trimmed specimens.

Euonymus

The evergreen sorts of *Euonymus* are grown for their handsome foliage, which varies considerably and includes many variegated forms. They are extremely hardy, and will grow in shady or sunny positions, but under some conditions, the foliage is quite subject to mildew. They are all of compact growth, and can be trimmed into many different shapes.

Euonymus japonica. Foliage deep glossy green, without variegation.

Euonymus japonica aurea. Foliage shiny green, with golden center.

Euonymus japonica aurea marginata. Similar to above, with leaves green in center, and margined gold.

Euonymus japonica albo-variegata. Leaves silvery around the edges.

Euonymus japonica Duc d'Anjou. Leaves large, beautifully marked creamy yellow and green.

Euonymus japonica marginata rosea. Foliage with an attractive creamy white border, turning to a blush pink color.

Fabiana

Fabiana imbricata. When properly grown, this makes a very beautiful heather-like shrub, covered with white, bell shaped flowers. Becomes weedy in appearance if neglected, grows 4 to 5 ft. high.

Feijoa

(Pronounced: Fay-Zho-A)

Feijoa sellowiana (Pineapple Guava). Beautiful shrub, 8 to 10 feet high, with shiny foliage, deep green above, and silvery beneath. Flowers attractive with white petals, purplish beneath, and bright red stamens. Fruit the size of an egg, and delicious. Very hardy, and drought resistant, although will grow where there is much moisture, if well drained.

Fuchsia

For shaded and semi-shaded locations, few plants are so satisfactory, or produce as attractive a color display as Fuchsias. They will stand a wetter soil condition than any other flowering shrub we know. Give them a deep, well loosened soil where plenty of leafmold or peat has been used, for best results. You will be more than repaid for a little extra care. We have a large variety, listing here only a few.

Double. White and red.
 Double. Purple and red.
 Single. Purple and Red.
 Speciosa. Single red and orange.

Pillar of Gold

A novel and beautiful Fuchsia with strikingly colored foliage, gold, terra-cotta, red and green. A rare addition to our list.

Baby Fuchsia

This produces perfect miniature flowers of red and purple. Strong, vigorous grower attaining a height of 7 to 10 feet, splendid for background plantings on a northern exposure; extremely prolific bloomer.

Genista

The Genistas are handsome ornamental shrubs with small feathery-appearing foliage, quite hardy and bear showy yellow flowers profusely in the spring and summer. Care must be taken not to overwater, and they require full sunshine.

Genista canariensis. (*Cytisus canariensis*). Very small foliage; shrub of upright growth, covered in spring with yellow bloom.

Genista hispanica. (Spanish Broom). Upright grower, 12 to 15 ft., if not cut back, with green rush-like stems; practically leafless. Bears showy, fragrant yellow flowers throughout the season. Thrives in almost any soil.

Genista monosperma. (Bridalveil Broom). Very graceful shrub, with grayish green, slender and drooping branches, and almost no leaves. Covered with showers of white flowers in the spring. Adapted only to soil that is perfectly drained, in a sunny position.

Genista racemosa. (*Cytisus racemosa*). Growth is more flat and spreading, the flowers larger, and in great masses, placed more at the ends of the branches. One of the best of the Genistas.

CALIFORNIA GARDEN FLOWERS

By E. J. WICKSON

Here is a book by an eminent authority, which fills a long felt want for a practical guide to growing flowers, shrubs, trees and vines under California conditions. The information is charmingly and effectively given.

PRICE \$2.00



Heather

Grevillea

The genus *Grevillea*, a native of Australia, is adapted admirably to California, if the soil is inclined to be dry.

Grevillea banksi. Attains a height of 6 to 8 feet, with attractive foliage, much like the well-known tree *Grevillea robusta*, or "Silk Oak". One of the showiest shrubs of our entire collection and will be much planted as soon as well known. Flowers are in large clusters, plume like and a beautiful shade of crimson. Will stand more shade and moisture than *G. thelemanniana*.

Grevillea thelemanniana. Sometimes called "Hummingbird Bush". A dainty graceful shrub, of bushy habit, growing to a height of 5 or 6 feet. Foliage feathery, having a needle-like appearance. Flowers borne in great profusion, bright orange-scarlet. Do not plant in a wet location.

DAPHNES

Everyone who knows the wonderful fragrance of this dainty shrub will want one. Those who are not familiar with its delightful perfume and beautifully variegated foliage among which are borne the delicate pink blossoms, will make no mistake by planting one or more. Very scarce.

Hakea

Australian shrubs, enduring poor soil and drought. Generally with peculiarly shaped foliage and attractive flowers.

Hakea suaveoleus. Rounded bush, with sharp needle-like leaves, at a distance resembling a Cypress. Grows to a height of 15 feet, but can be trimmed into any desired size. Small white flowers, with a sweet fragrance.

Hakea laurina. Large shrub or small tree, with leaves like a Eucalyptus. Flowers form large red balls, with protruding white stamens. A very striking subject for lawn or driveway planting.

Hibiscus

Showy plants with attractive large Hollyhock-like flowers throughout the year. They are somewhat tender, and may be nipped by frost in the colder sections but the roots are extremely persistent, and new shoots will start early in the spring and will bear beautiful flowers the same season. One of our most colorful shrubs, and should be planted much more freely. Requires plenty of moisture, and sunshine for best results.

Aurantiacus. Double orange-yellow, with crimson veining in petals.

Double Crimson. Large double rosy-crimson.

Double Scarlet. Very bright and showy blossoms of clear scarlet color. Foliage clean and shining.

Peachblow. Flowers, double; delicate rose with salmon shadings.

Psyche. Distinct in foliage and flower. Foliage smaller, deep green and glossy. Flowers small, with ruffled crepe-like texture, bright scarlet; very showy and free-flowering. Fine for specimens or hedges.

Single Yellow. Delicately colored flowers; apricot-yellow, with crimson veinings, shading to a crimson center, the whole having an effect of a large salmon-colored blossom.

Single Pink. Another rare form, with clear pink flowers, of medium size, very freely produced on a robust plant. The stems, branches, midribs and veins of the foliage are bronzy red color, making a beautiful bush.

Single Scarlet. The showiest of all; very large flowers of the brightest scarlet.

White Wings. A most dainty and beautiful hibiscus. The large flowers are pure snowy white, with crimson veining at the base of petals, merging to a deep crimson throat. A rare and desirable sort.

Hydrangea

Very ornamental shrubs, which bear quantities of flowers, in large round clusters, through late spring and summer. The bush is rounded in shape, with glossy leaves, and grows about five feet high. Thrives best in a rich, porous soil, in shaded positions.

Hydrangea otsaksa monstrosa. A very large flowered, deep rose-pink variety. In some soils the flowers will be blue.

Hypericum (GOLD FLOWER)

Useful shrubs for various places such as banks, shrubbery borders, foundation plantings, and filling in around larger shrubs. They are not particular about soil conditions, and will grow either in the sun or shade.

Hypericum moserianum. Low growing; makes compact little shrub 3 feet high, and 2 to 3 feet across. Bears numerous, large, bright golden-yellow flowers all through the summer.

Hypericum patulum henryi. Vigorous upright growing, with bluish cast to foliage. Flowers deep golden-yellow.

Ilex (HOLLY)

Ilex aquifolium. (English Holly). This, with its prickly, glossy green foliage, and beautiful berries, will succeed admirably in Southern California, if planted in a shaded location, in porous soil.

Dutch Holly. A variety of the above, with foliage mostly without spines. Seems to be hardier here than the prickly-leaved sorts. Makes a very beautiful specimen.

Lochroma

Lochroma lanceolata. Tropical shrub, similar to the Cestrum. Grows bushy, 4 to 8 feet high. Flowers tube shaped, 3 to 4 inches long, rich deep purple, and borne in large clusters.

Lochroma fuchsoides. A variety with crimson flowers.

Jacobinia

Rare shrubs, or sub-shrubs, particularly desirable because they will grow and bloom in fairly shady places, if given good drainage, and plenty of water. The flowers are very showy, tube-shaped, borne in dense terminal spikes. Will not stand freezing. They should be trimmed after flowering in order to insure further blossoming.

Jacobinia carnea. Large deeply veined leaves, and bright pink flowers. Grows 3 feet in height.

Jacobinia coccinea. Leaves large, shiny, with reddish veins. Flowers red. Height 3 to 4 feet.

Lagunaria

Lagunaria pattersoni. Shrub or small tree from Australia. Bears large, pink hollyhock-like flowers, which contrast beautifully with the gray-green foliage. Tree makes a good specimen, but unless judiciously pruned, it will become rather shabby in appearance.

Lantana

Lantana camara. One of our most useful flowering shrubs. They bloom continuously, furnishing color almost the entire year. Can be supplied in both dwarf (18-24 inches), and tall, (3 to 6 feet). The tall are most useful for hedges, large specimen shrubs, and for covering fences, etc.; the dwarf for borders, and beds, or as low shrubs. All must be grown in a sunny position.

Dwarf or tall: Orange, yellow, pink, red and yellow, and white.

Leonotis

Leonotis leonurus. (Lions Tail). Fast growing shrub, 3-4 ft. in height. Narrow hairy leaves, and dense whorls of burnt-orange, tube-shaped flowers thickly set on the stems. A very showy subject for winter blooming. Plant in the sun. Needs cutting back each year, after flowering.

Leptospermum

Leptospermum laevigatum. (Australian Tea Tree). A strong growing spreading shrub, with graceful drooping branchlets and small glaucous leaves. Bears quantities of pretty white flowers, with pinkish centers. This should not be planted where there is danger of too much water.

Libonia (JACOBINIA)

Libonia floribunda. A most interesting little shrub for the rockery, fern bed, or border planting. The foliage is a soft, glossy, deep green, and the flowers are orange yellow, with red shadings, tubular in shape and are borne in the early spring.

Grows 2 to 3 feet high.

Ligustrum (PRIVET)

Grows in almost any kind of soil, and even in dry locations, and somewhat shaded positions. Desirable for hedges and specimens. Can be closely trimmed.

Ligustrum henryi. We believe this will become one of the most popular of the privet family for both hedges and specimens when better known. The dark, glossy, small foliage is very dense, and the plant lends itself well to trimming.

Ligustrum japonicum. (Japanese privet). Large shrub or tree. Foliage dark green, large. For a tall hedge this is the best variety. Also makes a specimen tree for parkways.

Ligustrum nepalense. (Nepal Privet). This is the best variety, for a hedge from 18 inches to 5 feet. Has small, light green foliage, very dense, and does not become woody.

Ligustrum ovalifolium. (Golden California Privet). Large shrub of upright habit with golden leaves. For specimens or shrubby grouping, it is very good, although the planting of this has been rather overdone in recent years.

Lippia

Lippia citriodora. (Lemon Verbena). Well known, old favorite shrub, grown for its delightfully fragrant foliage and attractive spikes of small white flowers. Almost deciduous.

Lonicera

Lonicera nitida. (Bush Honeysuckle). Small shrub for hedges or borders, with small closely set foliage. Must be kept well trimmed, or it becomes straggly.

Laurus—Laurocerasus (LAUREL)

Laurocerasus officinalis. (English Laurel). Handsome, dense shrub, growing 8-10 feet high, or may be trimmed into any desired size. The foliage is broad, large, and a very shiny deep green. This makes a wonderful tub specimen, and trimmed as standards, they are unusually effective. Not suitable to hot dry situations, preferring well drained, porous soil, and partial shade.

Laurocerasus lusitanica. (Portugal Laurel). Similar in habit to English Laurel, but the leaves are not so large, darker green, and have serrated edges. Bears large panicles of fragrant, small white flowers.

Laurocerasus caroliniana. (Carolina Cherry). Shrub or small tree to 25 feet, but may be kept smaller. Attractive shiny foliage, and black fruits. Used for massing, foundation plantings or specimens. Requires plenty of moisture, but good drainage.

Mahonia (BERBERIS)

Mahonia aquifolium. (Oregon Grape). Grows from 3 to 5 feet high, with dark green holly-like leaves which become coppery purple during winter months. Yellow flowers in large clusters appear in spring followed by blue-black berries. Thrives in most any soil, but is best suited to shady locations with ample moisture and good drainage.

Melaleuca

Sometimes called Bottle-brush. Quick growing, hardy shrubs, of graceful habit and attractive feathery foliage. The flowers appear around the stems, resembling a bottle-brush. Suited to rather dry, sunny locations.

Melaleuca armillaris. Long, slender, drooping branches, narrow, soft green leaves. Grows to 15 feet in height. Flowers creamy white.

Melaleuca decussata. While barked, slender drooping branches, and small bluish-green leaves. Flowers lavender 10-12 feet.

Melaleuca hypericifolia. The brightest flowering of the Melaleucas. Flowers scarlet, large. Leaves bright green, roundish. Shrub of erect habit, about ten feet in height.

Melaleuca nesophila. Large, bushy, up to 15 feet in height. Leaves similar to *Leptospermum*. Flowers like lilac balls, at the ends of branchlets, instead of around the stems as in other species.

Myrtus

Attractive shrubs, with rather small, very aromatic leaves. Flowers are small, white with numerous stamens, followed in the fall by black berries. Rather low growing and very compact, they make fine specimens and are well suited for hedges. Will grow in hot, rather dry climates, but can stand plenty of moisture if the soil is well drained.

Myrtus communis. (Roman Myrtle). Grows to 8 feet in height, if not pruned.

Myrtus communis. Variegated leafed form of above.

Myrtus microphylla. This variety has smaller leaves, and is lower, more compact in growth.

Nandina

Nandina domestica. (Heavenly Bamboo). Native of Japan. Dwarf shrub, of upright growth, with reed-like stems. Evergreen foliage, tinged with red, becoming bright red in fall and winter. Bears large panicles of small white flowers, and bright red berries. Excellent for foundation plantings, and specimens for sun or part shade.

Olea Fragrans (OSMANTHUS FRAGRANS)

This is one of the most charmingly fragrant plants grown. It is almost constantly in bloom and the clusters of small creamy white tubular flowers sweetly perfume the garden for a large area around. The shrub is of moderately slow growth, and prefers a partly shaded location. The foliage is leathery and attractive and the plant is hardy in California.

Splendid Plants

Price \$2.00 each

Nerium (OLEANDER)

Nerium oleander. An excellent shrub, or small tree for all parts of Southern California doing especially well in hot, dry places. Blooms almost continuously large clusters of single or double fragrant flowers, making a very showy subject, for specimen, or for street and driveway plantings.

Single. White, Rose, Light Pink, and Red.

Double. White, Rose, and Salmon.

Osteomeles

Osteomeles schwerinae. Low, bushy, with fine feathery. Acacia like leaves, thorny stems, and bears small white flowers and bluish-black berries, said to be edible. Grows 2 to 3 feet in height making a fine plant for border specimens. Prefers a rather dry location, and plenty of sun.

Pimelia

Pimelia ferruginea. A low, compact bush, 2-3 feet high, rounded leaves small, opposite, and placed like a *Veronica*. Bears numerous heads of bright pink flowers. This is an unusually beautiful, and rare plant, and should be freely planted wherever it will succeed. It will not grow in a heavy soil that is not well drained.

Pittosporum

For group plantings or for specimen shrubs, or for furnishing backgrounds, the many different kinds of *Pittosporums* are not surpassed. They all have attractive foliage, of various sizes and shades of green. Some have very fragrant flowers. They grow especially well in the coastal belt in Southern California.

Pittosporum crassifolium. Tall growing shrub, 10 to 15 feet, with dense, gray-green foliage.

Pittosporum eugenoides. Small tree, to 15 feet, or may be trained as shrub. Has pretty yellowish green foliage. Makes a fine hedge.

Pittosporum nigricans. (*P. tenuifolium*). Growth similar to *P. eugenoides*, leaves smaller, darker green, and the stems and branches are brownish-black.

Pittosporum phylliraeoides. (Willow *Pittosporum*). A graceful weeping small tree, up to 20 feet in height. Foliage long, narrow, and curving.

Pittosporum rhombifolium. Small symmetrical tree up to 25 feet in height. Excellent for street planting, or can be trained as a shrub. Bears large bunches of white flowers followed by waxy orange berries, which are very ornamental.

Pittosporum tobira. Forms a dense, globular shrub six feet in height. Has large, glossy, stiff leaves, and very fragrant white flowers. Very hardy and drought resistant.

Pittosporum tobira variegata. A variety with foliage prettily variegated creamy white.

Pittosporum undulatum. Makes an attractive symmetrical tree, or can be kept in shrub form; also makes a splendid hedge plant. Leaves are large, wavy margined, and rich green. Flowers very fragrant.

Pittosporum viridiflorum. Resembles *P. tobira*, but is taller, with larger foliage and lighter green. Flowers greenish, fragrant. Withstands moist soil.

Pleroma

Pleroma splendens. (*Tibouchina semidecandra*). Glory-bush, or Princess Flower, from Brazil. We know of no shrub with more delightful foliage and flowers for planting in the more protected spots in Southern California. It grows six to eight feet high, and has soft velvety foliage of a rich deep green turning bronze in the fall. But it is the flower that is the crowning glory; a rich royal-purple, 3 inches across. The bush is a free bloomer and should have a warm location. Will grow in partial shade.

Polygala

The Polygalas, native of the temperate zone of North America, are well suited to our California climatic conditions. Worthy of a place in every garden, especially useful in the border of flowering shrubs. They prefer a light soil, and plenty of sunshine.

Polygala aepotetala. Slender, upright shrub, to ten feet in height. Flowers purple, and very attractive. Best as a background for low shrubbery.

Polygala dalmaisiana. One of the most continuously blooming shrubs in California. Much of the time the plants are entirely covered with flowers, which are magenta-pink, tipped with white. Low and bushy in habit, reaches four feet in height.

Prunus

Prunus ilicifolia. (Mountain Cherry). Bush of dense growth, native of the mountains of Southern California. Well adapted to hillside plantings, for massing or as specimen shrubs. Dark glossy green, roundish foliage with prickly edges, resembling holly.

Prunus lyoni. (*P. integrifolia*—Catalina Cherry). Large shrub, or small tree of erect pyramidal growth; Foliage similar to above, except larger, and not so prickly. Bears purple plums, the size of a large cherry. Fine specimen either as a shrub or tree.

Punica

(POMEGRANATE)

Punica granatum nana. (Dwarf Pomegranate). One of the best plants we know, for border work or for miniature specimens. Plants very dwarf, compact and bushy and are almost always covered with large bright red blossoms and fruit which present a beautiful and striking appearance. May be grown in pots for decorative plants if kept out of doors or on the porch.

Pyracantha

(FIRETHORN)

These are of special value as ornamental shrubs; their profusion of bloom during the early spring, and their brightly colored berries, carried well through the winter make them very attractive subjects. They should only be planted in a sunny position, where there is no danger of overwatering.

Pyracantha angustifolia. Has narrow gray-green leaves, and bright orange-yellow berries.

Pyracantha crenulata. Dense grower, with slender deep green foliage, and slender, thorny branches. Berries are a deep crimson, and glossy. Will stand partial shade.

Pyracantha formosiana. The most showy of all the *Pyracanthas*. Compact in growth, with small, bright green leaves. Bears berries of the brightest Christmas-red in enormous masses, during fall and winter.

Pyracantha lalandi. Foliage larger than the others, and the plant is very robust in growth. Berries large, in masses, bright orange-scarlet.

Pyracantha yunnanensis. A form of *P. crenulata* of lower, spreading growth, and larger, glossy foliage. Berries large, slightly flattened, borne in great profusion. They are very glossy and bright red.

Raphiolepis

Raphiolepis umbellata (ovata). Beautiful broad, dark green-leaved shrub, growing about five feet in height. Covered in summer with large clusters of pinkish white flowers, followed by shiny black berries. Makes a desirable specimen, of rather slow growth.

Rhamnus

Rhamnus californica. (California Coffee-berry—Cascara). Hardy shrub with glossy, aromatic leaves, and berries shaped like Coffee berries, yellow before ripe, turning to brownish purple. Fine for massing on hillside plantings.

Rhododendron

(HARDY RHODODENDRON)

A most profuse blooming variety, succeeding admirably in Southern California, in a shaded position, in soil containing plenty of leaf mold. In rockeries, or under oak trees on northern slopes, and in canyons, they are beautiful.

Rhus

Rhus ovata. Low native shrub, with thick, roundish leaves, somewhat resembling a dwarf oak. Fine for hillside massing, or specimens. Very drought resistant.

Rosmarinus

Rosmarinus officinalis. (Rosemary). A hardy shrub, with narrow, dark green leaves, silvery beneath, which are very aromatic, and used for seasoning.

Russelia

Russelia lemoinei. (Coral Plant, Fountain Plant). A drooping plant, very satisfactory for baskets, window boxes, rockeries, or around pools. The small, wiry branches are reddish in color, covered with tiny bronzy foliage, and quantities of coral-red, tubular flowers.

Sollya

Sollya heterophylla. (Australian Bluebell). Low growing, sometimes trailing shrub with dark green leaves, and wiry stems. Bears quantities of dark blue, bell-shaped flowers. May be kept compact and bushy by frequent trimming. Excellent for a border in this shape.

Streptosolen

Streptosolen jamesoni. One of those floriferous shrubs that make Southern California plantings so bright and colorful. Half climbing or rounded in form, and bears masses of rich orange-red, and golden flowers, almost continuously. Will not stand much frost.

Veronica

Shrubs of medium size, and roundish compact form. Flowers are borne in spikes, and the leaves are oval, and opposite, thickly set on the stems. Very attractive for specimens, grouping or for borders and hedges. Adapted to most any soil condition, and exposure, although particularly to regions near the coast.

Veronica andersoni. Leaves long, flowers violet blue, in long spikes. About 4 feet in height. There is also a variegated-leaved form of this species.

Veronica elliptica. (*V. decussata*). Rather dwarf, leaves rounded, medium sized. Flowers large, deep blue.

Veronica imperialis. Strong grower, leaves large, with purple-red veins. Flowers deep wine-color.

Veronica lewisii. Taller and more upright in habit. Will make a splendid compact shrub up to six feet in height. Flowers pale blue.

Veronica salicifolia var. *carnea*. One of the most beautiful in the genus, with narrow, dark green, glossy leaves, and long slender spikes of bright rose-pink flowers. Grows about 4 feet high, compact.

Veronica traversi. A dwarf variety, and the best for border work. Leaves similar to boxwood, very closely set. Flowers dainty white.

Veronica glaucophylla. A small leaved, low growing variety, with bluish foliage.

Veronica chathamica. A prostrate, spreading form with small light green foliage.

Viburnum

Viburnum suspensum. (*V. sandankwa*). Attains a height of 12 feet at times, and is very luxuriant and bushy in growth. Its large, heavily veined dark green leaves are borne very close together, making it very desirable for specimens, or mass planting. Bears clusters of white blossoms. Will stand a fairly moist location, even in partial shade.

Viburnum tinus (*Laurustinus*). Large or medium sized shrub, with medium sized, very dark green leaves. Flowers are borne in large, flat clusters, and vary from white to rosy pink, with a peculiar fragrance; followed by black berries. Splendid hedge or trimmed specimen.



DECIDUOUS SHRUBS

This class of shrubs has been too little planted in California. So many want evergreen trees and shrubs and fail to remember that these deciduous varieties make up in the spring and summer for their bare branches in winter, by furnishing our gardens with flowers in unlimited quantities. Of course there are a few months (not more than three) that they are bare, but the beautiful fresh spring foliage which is nearly always accompanied with myriads of flowers, more than repays for this short period, which is during the winter months. Nearly all of the deciduous varieties are hardy and will thrive in our climate.

Do not fail to plant a collection in some part of your garden or you will lose many of the better flowering shrubs.

NOTE: Most all varieties of deciduous shrubs require a good bit of pruning and for best results this should be done immediately after the flowering season, as the blossoms of the following year will be borne on the wood produced by the summer growth.

Cydonia

Cydonia japonica. (Flowering Quince). Well known shrub with glossy foliage and brightly colored flowers which are borne in great quantities in the early spring. Highly decorative, especially adapted for planting in shrubbery borders. Thrives in most any soil, but requires full sunshine.

Price 50c each

Deutzia

The Deutzias are among our most beautiful and most popular ornamental shrubs; they are exceedingly floriferous and of easy culture, thriving in most any soil if given a sunny exposure.

Deutzia gracilis. Slender arching branches 3 to 5 feet tall with pure white flowers in racemes.

Deutzia rosea. A dainty and graceful flowering shrub with slender arching branches covered with quantities of small, beautifully formed flowers of a most pleasing shade of pink.

Dormant Plants 2-3 feet high,

Price 50c each

Philadelphus

(MOCK ORANGE—SWEET SYRINGA)

Hardy strong growing shrub with white flowers usually appearing in June and often quite fragrant.

Philadelphus coronarius. (Garland Mock Orange). Free flowering upright growing shrub with exquisitely fragrant single white flowers, borne in clusters.

Philadelphus virginal. A beautiful form, with large, semi-double flowers, in great arching sprays. Very fragrant. It blooms intermittently all summer.

Price: Large Dormant Plants, 75c each

Forsythia

Forsythia. (Golden Bell). An attractive free-flowering deciduous shrub bearing showy yellow flowers in the early spring time. Has a good clean foliage which remains until the late autumn. Very hardy in any good garden soil.

Dormant Plants 2-3 feet high,

Price 50c each



Azalea mollis

Hardy Azaleas

These varieties are well adapted to shady locations in Southern California, where they will produce a profusion of lovely flowers in the spring. They are excellent for planting in rockeries, fern beds, under trees and in front of other shrubbery.

Azalea mollis. This variety becomes literally covered with large bronzy salmon flowers.

Azalea altaclarensis. A beautiful variety bearing myriads of clear golden yellow flowers.

Azalea occidentalis. This variety is native to the Pacific coast and has white blossoms with a tinge of yellow on the upper petals.

Price \$2.50, \$3.00 and \$3.50

Punica

(POMEGRANATE)

The flowering Pomegranates are well adapted to the California soil and climate and will bloom almost the entire summer.

Double Red. Blooms abundantly during the summer and fall months. The blooms are very double and brilliant scarlet.

Double Variegated. Handsome variety with large flowers. Petals are striped and mottled with yellow and scarlet.

Hydrangea

Hydrangea arborescens. (Hills of Snow). An erect growing shrub with bright green leaves and numerous charming white flowers which are borne a greater part of the summer.

Hydrangea paniculata. (Peegee Hydrangea). The pure white flowers, borne in immense pyramidal panicles gradually turn to rose color.

Fine plants, dormant, either variety
Price 50c each

Kerria

Kerria japonica. (Japanese Rose). This is a shrub which deserves to be used more freely. Its slender green branches are always attractive while the foliage is very beautiful, being a bright green in summer and turning in November to a clear yellow. Bears numerous large, double, clear yellow rose-like flowers.

Calycanthus

Calycanthus floridus. (Sweet Shrub). The chocolate brown flowers of this old favorite eastern "shrub", are deliciously scented.

Price 75c each

Spiraea

Graceful, compact, medium sized free-flowering shrubs, well adapted to California gardens. Splendid for shrubbery borders and specimens. Thrives in any good soil, but prefers a sunny exposure.

Spiraea Anthony Waterer. (Crimson Spiraea). Grows 3 feet high; very fine flowering, with bright crimson flowers in dense corymbs, appearing throughout the summer.

Price, 8 to 12 inches, 25c each, 24 to 30 inches, 75c each

Spiraea Vanhouttei. (Van Houtte's Bridal Wreath). This is one of the most satisfactory of the Bridal Wreaths. Grows six feet high with arching branches which are clothed with attractive leaves, dark green above and bluish-green beneath. Bears myriads of clusters of white flowers in late spring.

Price, 8 to 12 inches, 25c each, 24 to 30 inches, 75c each

Spiraea Prunifolia. Double Flowered Bridal Wreath. A graceful shrub, with long arching sprays covered with tiny double button-shaped flowers of purest white.

Price—2 to 3 feet—50c each

Tamarix

(TAMARISK)

Attractive flowering shrubs or small trees. Foliage is very minute and looks very much like some variety of Cypress. The flowers are small but are grown in profusion, completely covering the plants during the spring-time.

Tamarix parvifolia. An erect and rapid growing variety. May be grown into quite a tree if desired. In appearance it is quite distinct, the foliage is very plummy and the plant may be trimmed so as to form a bushy compact specimen.

Price—In one gallon containers, 75c each

In five gallon containers, \$2.00 each

Crepe Myrtle

Lagerstroemia indica. (Crepe Myrtle). A strong growing shrub or small tree, bearing an abundance of short fringed flowers in spring and summer. As the plants mature the bark becomes very smooth as if polished.

Weigelia

A very desirable class of shrubs, blooming in the late spring and summer with a profusion of bell shaped flowers, in a variety of colors. They grow from seven to eight feet high, with rich green foliage, and gracefully curving branches.

Weigelia rosea. Long clusters of trumpet-shaped rose pink flowers. The most well known variety.

Price—3 to 4 feet—75c each

Weigelia Abel Carrier. A strong, upright grower with rosy carmine flowers.

Price—2 to 3 feet—50c each

Weigelia Eva Rathke. Flowers rich ruby red, blooming for a long period. Of lower habit of growth than the other forms.

Price—2 to 3 feet—75c each

Weigelia floribunda. Crimson. A free flowering variety, strong and large growing. Bright crimson flowers.

Price—3 to 4 feet—\$1.00 each

Fringe Tree

Chionanthus virginica. An attractive shrub with deep green foliage and lovely tassel-like flowers produced in drooping panicles appearing in early summer. The abundance of lacy flowers covering the shrub gives it a delightful airy appearance.

Price \$1.00 each

Christmas Berry (PHOTINIA VILLOSA)

This Redberried Photinia is closely related to the native California "Hollyberry" or Toyon. It is an attractive shrub, a mass of snowy white flowers in June, followed by a profusion of red berries in the autumn. Grows from 8 to 10 feet high.

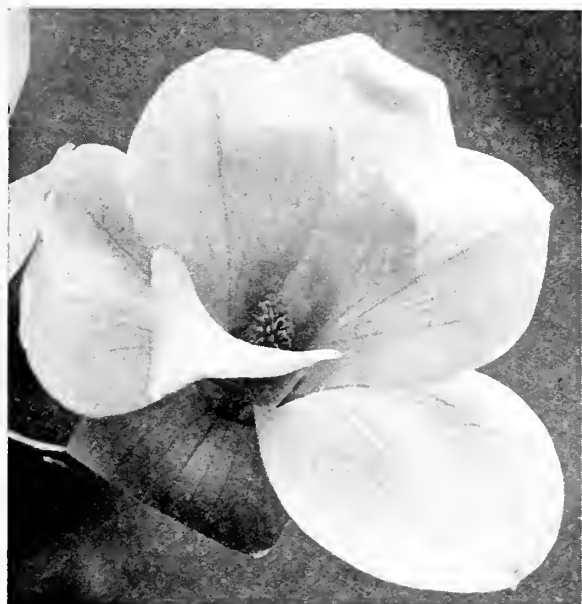
Fine strong plants

Price \$1.50 each

Vitex

Vitex agnes castus. (Hemp Tree—Monk's pepper Tree). Shrub or small tree with a strong aromatic odor which resembles that of lavender. Foliage is gray-green, while the flowers are a light lilac and are borne in terminal spikes

Price 75c each



Above—Saucer Magnolia flower about half natural size.

Right—Saucer Magnolia in flower.

Saucer Magnolia (MAGNOLIA SOULANGEANA)

This beautiful Chinese Magnolia is a glorious sight in late winter and spring, when the large rosy-pink flowers bloom forth over the entire tree, before the appearance of the bright green leaves. They continue to bloom for a long period and there will be flowers on older plants, along with the new leaves. The trees are of slow growth, but small plants will bear many blossoms. Older specimens reach a height of 15 to 20 feet.

We have some splendid plants of this scarce and lovely Magnolia.

Prices:

2 to 3 feet—\$5.00

3 to 4 feet—\$8.50

Fine specimens 4 to 5 feet

\$12.50 and \$15.00





Syringa vulgaris
 (Common lilac)

Lilacs (SYRINGA)

The Lilac is one of the most beloved of shrubs in the East and should be planted more freely in California than it is. The grafted varieties do well in most localities, while the common Lilac, *Syringa Vulgaris* is particularly successful. They will grow perfectly in partially shaded spots or in the full sunshine. The flowers will be produced in greater profusion and will be larger if the plant is given a good rest in the winter, as warm winter days will induce premature growth and flowering if the plant is watered.

GRAFTED FRENCH VARIETIES

Belle de Nancy. Beautiful double pink flowers.
Marie Legraye. Splendid spikes of fragrant white flowers.
Michel Buchner. Very large spikes of double lavender blooms.
Charles Joly. Magnificent panicles of large double purple flowers.

Splendid dormant plants of the above varieties
 Price \$1.50 each

EASTERN LILAC

Syringa Vulgaris. Common Lilac. The old favorite purple Lilac, and one of the best, particularly for California. It makes a large bush, and is very free flowering.

Price, dormant plants
 2-3 feet—\$.75
 4-5 feet—\$1.50

Chinese Lilac

(SYRINGA CHINENSIS. ROTHOMAGENSIS)

A variety which is very free flowering, and particularly adapted to California conditions. It attains a height of twelve feet, with slender often arching branches and panicles of purple flowers.

Dormant plants 2 to 3 feet high
 Price 75c each

Persian Lilac (SYRINGA PERSICA)

An attractive shrub with cut leaves, and slender arching branches, becoming covered with clusters of small lilac colored flowers.

Price 75c each

Snowball

Viburnum opulus sterile. (American Snowball). A splendid hardy shrub with fine showy flowers in large clusters appearing in the spring.

Price 75c each

Weeping Wisterias

Lovely Wisteria vines grafted on a straight standard six feet high. These make a most striking effect in the garden, with their drooping stems, falling clear to the ground, or they may be trained umbrella shaped in the manner of Tea's Weeping Mulberry and used as an arbor to cover garden seats. As they bloom forth in the spring their long pendant panicles of lovely flowers make a picture of exquisite beauty. Such fine specimens as these are rare indeed, and we are proud to be able to offer fine grafted plants, in several varieties.

Price \$5.00 each

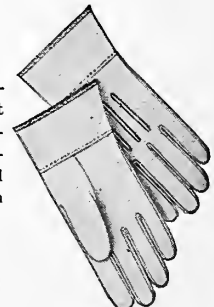
Eezy Wear Garden Gloves

**All Leather—Soft as Kid
 Easy to Wear**

Amazingly soft and pliable. Permit almost barehand freedom yet provide complete all-leather protection. Ideal for garden and similar uses. Four sizes: "small" and "medium" for women; "Medium" and "large" for men.

Price 75c a pair

Dirt-proof—Durable—Washable



EVERGREEN TREES

Our stock of evergreen trees is large and varied, and the plants are of exceptional quality, having been grown for our landscape work. Each plant has had keen attention paid to it, having been staked, pruned, and fertilized in the best way to produce a well rounded specimen. Owing to the varied sizes of trees in our stock, we cannot give a detailed price list and we kindly ask our customers to write us their requirements and we will be pleased to quote prices.

Acacia

The Acacias are among the freest flowering of our hard-wooded plants. Few pests trouble them; they are hardy; will grow in most any soil, but respond quickly to good care and especially to plenty of water in the summer months, during their growing season.

Acacia baileyana. This Acacia is one of the most strikingly beautiful of evergreen trees. The gray-green foliage is always attractive and in the early spring, when flowers are scarce, the long sprays of lemon-yellow blossoms completely envelop the tree. The tree is quite hardy and with little trimming, makes a shapely, well-rounded specimen. Plant one or more in your garden.

Acacia cultriformis. Grayish-green knife-like foliage. A blaze of color in the spring when it is covered with deep yellow flowers. A splendid shrub.

Acacia dealbata. (Silver Wattle). Rapid growing large tree, with golden-yellow flowers.

Acacia floribunda. A tree of rapid growth and spreading habit. Of somewhat willowy appearance. Bears quantities of yellow flowers.

Acacia latifolia. A splendid tree for sea shore planting, also good farther inland. Long narrow bright green leaves; bears golden-yellow flowers.

Acacia melanoxylon. (Black Acacia). Large tree, used extensively for street planting. Of compact, pyramidal growth; foliage dark green; flowers light lemon-yellow.

Acacia mollissima. (Black Wattle). Much like Dealbata, with dark fern-like foliage. Fragrant flowers in late spring.

Acacia pycnantha. (Golden Wattle). A fast growing variety with long leaves about one-half inch wide. Large yellow blooms.

Acacia podalyriaefolia. A rare variety; adapted for specimen planting, thrives in dry situations, requiring little care. A small tree with silvery, oval foliage. Bears long racemes of deep yellow flowers about Christmas time. One of the finest flowering Acacias.

Acacia verticillata. Bushy, spreading shrub; dark green needle-like foliage; abundance of deep yellow flowers.

Camphora

Camphora officinalis. (Camphor Tree). A symmetrical, ornamental tree which will thrive in ordinary soil. Light green foliage. A splendid lawn or avenue tree. Particularly attractive when new foliage is on the tree as it is a deep bronzy-red.

Casuarina

Casuarina stricta. (Beefwood—She Oak). Needle-like leaves similar to pine needles. Adapted to planting in alkaline soil; also endures the heat of the interior and Arizona. Remarkable for rapid growth. Valuable for street plantings.

Cedrus (CEDAR)

Large symmetrical ornamental trees with wide spreading branches which are rather pendulous or drooping. They grow best in a well drained soil.

Cedrus atlantica. (Mt. Atlas Cedar). Large pyramidal tree; foliage is dark green; branches are of upright growth.

Cedrus atlantica glauca. (Blue Mt. Atlas Cedar). A variety of Cedrus atlantica with intensely silvery leaves. When young the growth is irregular, but later become symmetrical and compact. A strikingly beautiful specimen tree.

Cedrus deodara. (Indian Cedar). Native of the Himalaya mountains. A majestic tree of pyramidal habit and rapid growth. Thrives throughout California from the coast to the interior.

Ceratonia

Ceratonia siliqua. (Carob—St. John's Bread). Grown both for ornamental purposes and for the edible pod. A beautiful tree with oval glossy leaves; desirable for parking, but needs well drained soil.

Chamaecyparis

Chamaecyparis lawsoniana. (Lawson Cypress). A beautiful tree, native of this state. Tall, symmetrical habit of growth; furnished from ground up. Has elegant drooping branches and slender, feathery branchlets.

Chamaecyparis lawsoniana glauca. (Blue Lawson Cypress). Similar to the preceding but with metallic, glaucous foliage.

Cupressus (CYPRESS)

Beautiful trees, valuable in California for specimen planting, parks, wind-breaks, screens, etc. Thrive best in a deep sandy loam where drainage is good. Aromatic, evergreen foliage.

Cupressus arizonica. (Arizona Cypress). Medium sized tree; horizontal branches, forming a pyramidal tree. Grayish-green foliage.

Cupressus sempervirens fastigata. (Italian Cypress). Tall growing, tapering tree with erect branches lying close to the stem.

Cupressus macrocarpa. (Monterey Cypress). A picturesque tree with dark green foliage. Extensively used for hedge planting and windbreaks. Very fast grower.

Eucalyptus (GUM TREE)

Valuable hardwooded trees, most of which grow rapidly. Splendid for specimens, hillside planting and wind-breaks; also good for their timber value.

Eucalyptus citriodora. (Lemon Scented Gum). Unequaled for scenic effect. Reaches great height; trunk slender, bark smooth and white, an especially ornamental tree.

Eucalyptus ficifolia. (Flowering Eucalyptus). A handsome tree of symmetrical habit. Best of all varieties for garden and street plantings. Much prized for the gorgeous flowers which appear in June. Large, leathery dark green leaves.

Eucalyptus globulus. (Blue Gum). Probably the most widely known of all Eucalyptus. Used extensively for fuel and wind breaks. Will stand 10 degrees F.

Eucalyptus leucoxylon. (White Ironbark). Tall growing, branches low and bears attractive flowers which vary from white to pink. Thrives from the coast to far into the interior.

Eucalyptus rostrata. (Red Gum). Thrives in the moist foggy sections of the coast and endures the desert conditions of Southern Arizona. A useful tree for its timber; also useful as a shade tree and windbreak.

Eucalyptus viminalis. (Narrow-leaved Red Gum). Of vigorous growth. Branches drooping, graceful; grows into a tree of great dimensions; thrives near the coast and also in desert regions.

Grevillea

Grevillea robusta. (Silk Oak). Native of New South Wales. A remarkable tree for avenues and street planting; foliage fern-like, of soft green color; flowers in drooping umbels of a deep orange color. Small plants, very ornamental, used as pot plants for houses.

Jacaranda

Jacaranda mimosaeifolia. One of our most attractive ever-green flowering trees, with fern-like foliage. In June and July they are covered with large trusses of bright lavender-blue flowers. Blooms well if not kept too wet; likes a sunny dry position; requires pruning to be kept in shape. A valuable plant for street planting.

Juniperus

Juniperus chinensis. (Chinese Juniper). Native of China, Japan and the Island of Formosa. Of upright pyramidal growth with grayish-green foliage. Splendid specimen trees.

Juniperus communis hibernica. (Irish Juniper). A distinct and beautiful variety of slender, dense columnar growth. Bluish foliage of a feathery appearance; excellent for formal plantings.

Juniperus sabina. (Savin Juniper). A dwarf spreading variety with partially trailing, graceful arched branches.

Juniperus virginiana. (Red Cedar). A pyramidal form with branches that are at first erect then horizontal with pendulous tips, making it an attractive specimen.

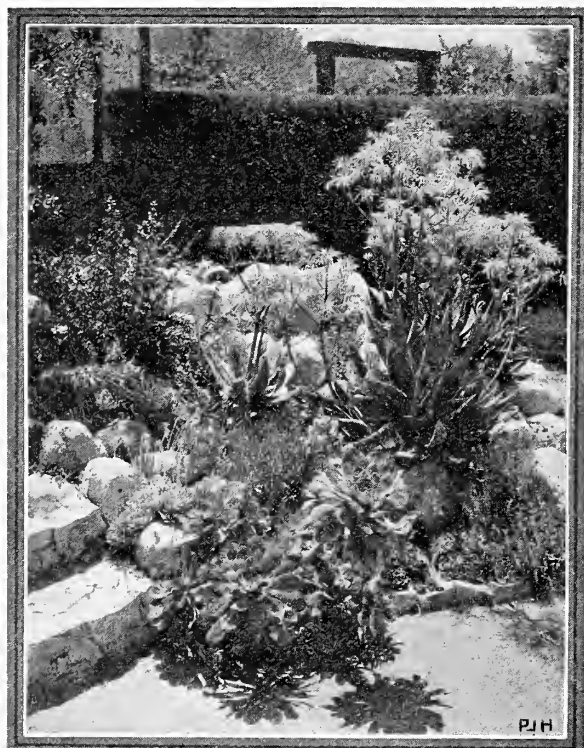
Juniperus virginiana glauca. (Blue Virginia Cedar). A bluish-gray form of the Red Cedar and a tree of rare beauty. One of our most attractive conifers, especially when planted with other trees of green foliage.

Magnolia

Magnolia grandiflora. (Big Laurel). Native of South America. Large leaves; dark green glossy on the upperside, underside of rust-brown felt appearance. Flowers large, white, cup-shaped, very fragrant; blooms in August. The tree is of stately appearance and deserves to be planted more freely in the garden and on boulevards.

Parkinsonia

Parkinsonia aculeata. (Palo Verde). A native of California, Arizona, Texas and Mexico. A beautiful tree of willow-like appearance; keen spines at the joints from which one pair of leaf-stems appear from 6 to 18 inches long. Each stem bears from 20 to 30 pairs of extremely small scale-like leaflets; fragrant large yellow flowers will appear from spring throughout the summer. Grows in sandy dry soil. This beautiful tree should be in every California garden.



We Have a Large Selection of Attractive Plants for Rockeries

Picea

Picea pungens glauca. (Colorado Blue Spruce). A blue or glaucous variety of the preceding with shorter and more compact growth. Extremely ornamental.

Picea pungens kosteriana. (Kosters Blue Spruce). A form of the preceding with intensely silvery foliage. Makes a distinctive lawn specimen.

Pinus

Pinus canariensis. (Canary Island Pine). Slender branches and yellowish branchlets; leaves slender, spreading and pendulous light green. Endures drouth.

Pinus halepensis. Tall growing tree with spreading branches; leaves medium length and light yellowish green. Rapid growth; thrives well in California.

Pinus insignis. (Monterey Pine). One of the best for California planting. Extremely fast growing and a most beautiful variety. Strong spreading branches, clothed in long, bright green foliage.

Pinus pinea. (Italian Stone Pine). One of the most beautiful and stately of ornamental trees. Growth is very symmetrical; long horizontal, spreading branches form, in the older trees, a broad flat-topped head; very picturesque habit with a trunk usually destitute of branches for a considerable height, forming a spreading, parasol-like head.

Quercus

Quercus agrifolia. (California Live Oak). The leaves resemble somewhat, the Evergreen Holly; of a dull green; grows in the foothills and canyons to large size trees. Trunks of the tree grayish-brown; twigs dull gray to a reddish-brown; somewhat downy with short white hairs. Drought resisting. Somewhat difficult to transplant, but once established, it grows quickly into a large tree. Should be planted in every garden.

Schinus

Schinus molle. (Peruvian Pepper Tree, California Pepper Tree). One of our most beautiful trees with graceful drooping branches. Female trees covered with clusters of rosy-pink berries during the winter season. It thrives well with little care.

Schinus terebinthifolius. (Brazilian Pepper). A much smaller tree than the above, fine for street or specimen planting. Leaflets are much larger and broader than in the common Pepper tree. Bears clusters of red berries.

Sequoia

Sequoia gigantea. (California Big Tree). A magnificent tree for park, avenue or specimen planting. Forms an almost perfect pyramid from the ground up, especially while young. The trunks are heavy and massive; bark of old trees from one to two feet thick. In reality the most impressive and noble of all known trees.

Sequoia sempervirens. (California Redwood). A graceful ornamental tree of rapid pyramidal and tapering growth. More slender than the preceding. It succeeds well in all parts of California, adapting itself to mountain side or valley. A magnificent tree.

Sterculia

Sterculia diversifolia. (Victorian Bottle Tree). An ideal avenue or street tree, with slender tapering trunk. Foliage bright glossy green.

Taxus

Taxus baccata. (English Yew). Tree or large shrub of rather slow growth, spreading branches covered with somber green leaves forming a low broad head. Can be trimmed in any shape desired. Older plants covered with red berries in the Autumn.

Taxus baccata fastigiata. (Taxus Hibernica—Irish Yew). A remarkable species of the Yew. Of slender upright habit with upright branches and branchlets; effective for formal planting.

Thuya

(ARBOR VITAE)

The family comprises species of varying sizes and habits of growth. However, most all varieties are inclined to be compact and symmetrical in their growth. Well adapted to pot culture as specimens.

Thuya orientalis aurea. (Golden Arbor Vitae). Of low compact symmetrical habit; golden yellow in spring and summer and changing to bright green in winter.

Thuya orientalis aurea nana. (Berkman's Golden Arbor Vitae). Of dwarf compact habit with golden yellow foliage. One of the best and most popular hardy dwarf evergreens.

DECIDUOUS TREES

Much charm and beauty has been lost in the gardens of California where deciduous trees have been planted to only a limited extent. When we realize the interest and attractiveness of the early spring when the buds are bursting forth and later the partially developed leaves and still later the fully developed clear green foliage which gives the needed shade and protection for the summer months, we understand somewhat the beauty and usefulness of our deciduous trees. But there are the autumn tints. Until we have seen the leaves take on the attractive hues of autumn, which fills the very air with the peculiar beauty, we do not know how beautiful autumn can be.

PRICES OF DECIDUOUS TREES

Deciduous trees, like the Evergreen trees, vary in price and we are unable to give a detailed price list. Our prices are based on the merits of each individual specimen, the size, symmetry, and variety being considered. We will be pleased to quote on your requirements, or best of all—Visit Flowerland and make your selection.

Acer

Acer dasycarpum. (Silver Maple). A native of North America. Branches brownish gray with large leaves which are bright green above and silvery gray on the reverse side and are 5 lobed. A valuable tree for parks and larger gardens; thrives best in moist places in sandy soil.

Acer platanoides. (Platanus or Sycamore Maple—Pointed Maple). A native of southern Europe; foliage of a shiny green, 5 lobed, coming to a sharp point. Flowers yellowish green at the end of small twigs. A beautiful tree for lawns, gardens, parks and streets, giving plenty of shade. Interesting coloring of leaves in the fall from light yellow to red shades. Likes best moist situations and sandy loam.

Betula

Betula alba. (White Birch). Native of Europe. Well liked and much planted tree of great beauty; very ornamental and picturesque among other trees, because of their silvery white, paper-like bark. Upright graceful tree with dull green, and in early spring, may-green foliage.

Catalpa

Catalpa bungei. (Bunge's Trumpet Tree). Attractive because of its compact form of crown over a single straight stem. Very ornamental for formal gardens. Grows well in California. Similar to a standard Bay tree.

Price \$5.00 each

Fraxinus

Fraxinus velutina. (Arizona Ash). This species grows most anywhere. Is a native of the Southwest; of slender growth; short trunked; the dense crown of larger trees are broad rounded and symmetrical. New growth of the twigs are reddish brown, covered and matted with woolly hairs. Leaves pinnate 3 to 9; leathery yellowish green leaflets. This tree will grow very old; a trunk of 15 inches showed an age of 115 years. Useful as ornamental trees in the garden and lawn in dry places.

Ginkgo

Ginkgo biloba. (Maiden Hair Tree). Native of China and Japan. Foliage the same shape as the leaflets of the Maiden Hair Fern, from which its name is derived. Upright tree of graceful appearance. This is the tree left from the tertiary period thousands of years ago, when it inhabited the whole northern hemisphere. Useful for solitaires in lawn and gardens, where it will stand out through its interesting peculiar foliage.

Liriodendron

Liriodendron tulipifera. (Tulip Tree). Native of North America. A beautiful sight when in bloom. Of slender appearance, upright growth and very large leaves 2 to 3 inches wide, similar to the sycamore leaves, of a bright green. Flowers of the shape and size of a yellow tulip; are a yellowish green inside and an orange color outside. Leaves turn into a golden yellow color in the fall. Plant in a moist situation.

Malus

Malus ioensis. (Flowering Crab Apple—Bechtel's Double Flowering Crab). Small tree with spreading or ascending branches. Blooms early in the spring, producing large, very double, perfect flowers resembling small roses; of a delicate pink color.

Melia

Melia azedarach umbraculiformis. (Umbrella Tree). A native of the Southern States and the semi-tropics. Vigorous grower of dense even crown, forming a perfect umbrella. Symmetrical and formal. Leaves have long stems; leaflets the size of a walnut. It makes a good shade tree. Flowers of a lilac shape and color; very fragrant, appearing in June and July.

Morus

Morus alba tartarica pendula. (Tea's Weeping Mulberry). One of the most popular and widely distributed mulberries in America. Grafts are set in the seedling trees 6 to 8 feet from the ground where numerous pendulous branches are formed.

Platanus

Platanus orientalis. (European Sycamore—Oriental Plane Tree). An almost perfect tree for street and avenue planting. Without any training it forms a symmetrical, spreading head. Splendid for a shade tree.

Platanus racemosa. (California Sycamore). Our picturesque native sycamore which adds so much to the natural beauty of our canyon scenery.

The growth is very irregular, forming unusually decorative specimens. The leaves are very large and deeply lobed.

Populus

Populus alba nivea. (Silver or White Poplar). A rapid growing ornamental tree of a wide spreading growth. Leaves are very attractive being large, glossy green above and snowy white beneath.

Populus nigra italica. (Lombardy Poplar). A widely known ornamental tree. The Lombardy Poplar becomes one of the most striking and picturesque trees particularly when the suckers or sprouts are allowed to grow about the trunk from the ground up. Holds its foliage until late Autumn.

Prunus

Prunus cerasifera pissardi. (Purpleleaf Plum). A very ornamental tree, with beautiful bronzy purple foliage, keeping its color throughout spring, summer and autumn. Has ornamental pinkish white flowers in spring, followed by red plums, which are edible and excellent for jelly and preserves. Grows about 20 feet high.

Prunus persica vulgaris. (Double Flowering Peach). An esteemed ornamental tree for garden adornments and affording excellent cut flowers which appear in the spring time before the leaves. A truly charming and widely cultivated tree that will thrive in almost any soil. White, Pink and Red.

Salix

Salix babylonica. (Weeping Willow). A very much distributed tree known all over the globe; also admired by everyone. A beautiful tree and quick grower with graceful drooping branches; foliage small and soft light green. Likes moist situations and good soil. Also used for covering pergolas or seats. Thrives well near streams or lakes.

Ulmus

Ulmus americana. (American Elm). Large stately tree; tall, wide spreading branches with a graceful habit and beautiful outline; of quick growth. Valuable for lawn and garden and also as street trees. Remarkable shade tree.



Cedrus deodara trees in our specimen nurseries

SPECIMEN TREES

Medium Size

We have perceived a long felt need for medium sized specimens of trees for landscape beautification, for those planting the grounds of their new homes and for adding a finishing touch of dignity to previously planted gardens which lack an imposing appearance for want of trees of stature. A group of well grown trees, or even a single specimen is often all that makes the difference between a completely pleasing landscape picture and one that gives the impression of being unfinished.

Now we have grown at our extensive growing grounds at Chatsworth a large block of the finest **medium sized specimen trees**. An ideal soil condition and years of diligent care in shaping, irrigation and pruning have produced trees of perfect symmetry.

The planting of **medium sized trees** has many important advantages to the home owner.

While very large trees have their place where instantaneous effect is desired, because clients are often impatient to obtain an effect, the extra expense of planting such large trees is not necessary. **Medium sized** trees make much better specimens in the long run. They give the effect of full grown trees with only a fraction of the expense. There is a big saving in cost because they can be dug safely with a smaller box and the cost of hauling is far less.

Because they are nursery-grown in the best of soil, and their growth and shape has been properly controlled, they will be in much healthier condition when transplanted to their permanent location, and will make immediate and rapid development and will always have a finished, perfect appearance.

We urge you not to fail to see these **medium sized specimen trees** which we have boxed, ready for planting. You will find that you will not have to go to great expense to obtain the desired effect, nor will you have to plant small trees and wait years for them to attain an imposing appearance for these **medium sized trees** are **moderately priced**.

CLIMBING VINES

Ampelopsis

These are very hardy ornamental vines, which thrive in almost any soil, but grow best on the sunny side. As they climb by tendrils they will adhere to stone, brick or cement work.

Ampelopsis quinquefolia. (Virginia Creeper, Woodbine Vine). Luxuriant large leaves which are a most intense scarlet early in the fall. A rapid climber.

Ampelopsis veitchii. (Boston Ivy). A beautiful hardy vine clinging closely to wall by means of small disk-bearing tendrils. Glossy green leaves which color brilliantly in autumn.

Ampelopsis sempervirens. (Evergreen Ampelopsis). Very handsome vine of much more dainty appearance than the deciduous kinds. Leaves small, palmate, with five dark green leaflets. Adheres by tendrils to walls or trellises.

Rosa de Montana

Antigonon leptopus. (Rosa de Montana or Queen's Wreath). A beautiful rapid climber for warm locations, covering a trellis in one season. Has rather large leaves, and is covered in Spring and Summer with panicles of exquisite rose-pink blossoms. The top usually dies again early in spring.

Bignonia

The Bignonias are strong and rapid growing evergreen climbers which will cover a considerable space, often growing 50 feet in one season. They bear brilliant showy flowers.

Bignonia cherere. This is a most desirable variety with dark green leaves and trumpet-shaped flowers about 4 inches long, blood-red with yellow at the base. A rapid grower.

Bignonia tweediana. A splendid vine for covering high walls and buildings. Has slender dark green leaves and bears trumpet-shaped flowers, two inches long; canary yellow; clings to either wood or stone.

Bignonia venusta. Has bright green, somewhat glossy leaves. Rich orange-yellow flowers about three inches long and are borne in numerous clusters. Blooms during the winter and early spring.

Bignonia violacea. One of the most beautiful Bignonias. It has bright, glossy-green leaves of large size and large tubular-shaped blossoms of a pleasing shade of light lavender blue.

Bougainvillea

Native of South America. The Bougainvilleas thrive best in a warm sunny exposure.

Bougainvillea spectabilis. A free flowering variety with large rosy-purple flowers and bright green foliage. A splendid variety.

Bougainvillea "Crimson Lake." A new introduction. Incomparable in richness and brilliancy of coloring. On first opening a brilliant crimson-lake, retaining this color for three or four weeks, then passing to a crimson-carmine.

NOTE:—Bougainvilleas do not stand cold situations and should be planted in a reasonably warm location.

Clematis

Clematis paniculata. A vigorous climber well suited to the covering of porches, fences, walls, etc. Bears fragrant white flowers in great quantities.

Clematis montana. Similar to the preceding with light pink flowers.

Ficus

Ficus repens. (Creeping Fig). A beautiful evergreen climber, with small dark green heart-shaped leaves. Very useful for covering brick or stone buildings as it clings by means of small clinging tendrils.

Hardenbergia

Hardenbergia. Splendid and attractive vines, bearing small size, pea-shaped flowers in great quantities through the late winter and early spring months. They have a fine foliage, blue or white flowers.

Hedera

Hedera helix. (English Ivy). A well known evergreen climber, valuable for covering walls, banks, trunks of old trees, etc. Leaves are dark glossy green.

Jasminum (JASMINE)

Climbing vines and vine-like shrubs cultivated for their ornamental foliage and fragrant flowers.

Jasminum grandiflorum. (Spanish Jasmine). Very sweet scented pure white, star-shaped flowers. A vigorous grower. Intensely fragrant at night.

Jasminum primulinum. (Japanese Jasmine). A magnificent large flowering Jasmine from Japan. Flowers are two inches in diameter and are a rich golden-yellow.

Jasminum revolutum. (Italian Jasmine). A semi-climber with bright golden-yellow flowers. May also be used as a shrub.

Lonicera (HONEYSUCKLE)

Well known ornamental vines noted for their fragrant flowers.

Lonicera halliana. (Hall's Honeysuckle, Japanese Honeysuckle). An evergreen climber of rampant growth. Flowers are white changing to yellow and are deliciously fragrant.

Mandevilla

Mandevilla suaveolens. (Chilean Jasmine). Another plant which is a native of South America that thrives well in California. Bears fragrant white flowers two inches in diameter.

Muehlenbeckia

Meuhlenbeckia complexa. (Wire Vine, Maiden Hair Vine). A graceful vine with small Maiden-Hair like foliage and wire-like stems. Splendid for pergolas, posts and fences.

Plumbago

Plumbago capensis. (Blue Plumbago). Very desirable and effective for massing of color and unsurpassed for continuous blooming and drought resisting qualities. May also be used as a shrub. Flowers are a pleasing shade of azure blue.

Plumbago capensis alba. (White Plumbago). Same habit as above except with pure white flowers.

Pride of California (LATHYRUS SPLENDENS)

A magnificent rapid growing perennial vine for covering pergolas, fences, or trellises. The clusters of brilliant flowers resemble sweet peas, but the individual flowers are smaller. They are borne in great profusion, making a glorious showing of rich crimson color. This vine is native to Southern California, but is quite rare. It is easily grown and will bloom the same year that it is planted.

Price 50c each

Cup of Gold

Solandra guttata. (Cup of Gold Flower). An erect growing plant with large leathery, shiny leaves, bearing cup-shaped fragrant flowers, ochre-yellow with purple-brown ridge near the throat. This is something different and something you will enjoy. Will not stand frost.

Solanum

Solanum wendlandi. This is a magnificent climber in this climate where it will grow 40 to 50 feet in one season. It is perhaps the showiest vine in California when in full bloom. Flowers are large, light blue, about two inches across.

CLIMBING VINES—Continued

Tecoma

Vigorous, ornamental vines and semi-vines with showy flowers borne mostly in clusters. They will thrive in most any location. However, they grow best in a deep moist loam.

Tecoma australis. Without doubt the fastest growing hardy vine we have, which carries its foliage the year around. Its principle value lies in the glossy green foliage which always appears to be varnished. Bears creamy white flowers in profusion during mid-summer.

Tecoma capensis. (Cape Honeysuckle). Climbing or half-climbing shrub of luxurious growth. Covered in summer with glowing scarlet flowers in racemes. Very attractive foliage. Easily trimmed as a shrub.

Tecoma jasminoide. (Bower Plant of Australia). Glossy green foliage and white trumpet flowers with rosy-pink throat.

Tecoma mackenzii. (Pink Trumpet Vine). A vigorous climbing vine with evergreen foliage and loose terminal panicles of rosy-pink trumpet flowers.

Tecoma stans. Yellow Elder. Semi-climber, yellow flowers. Attractive foliage.

Tecoma smithi. Leaflets small and numerous. Flowers medium sized, orange-yellow, borne in large panicles, semi-evergreen.

Vitis

Vitis californica. (Evergreen Grape). Ideal for covering pergolas and arbors. Bears glossy, cherry-like fruit which adds materially to its appearance.

Vitis rhombifolia. A variety with smaller, more dainty evergreen foliage. Very attractive.

Wistaria

Graceful and quick-growing climbers unsurpassed for wall coverings, piazzas, pergolas and arbors; flowers borne in long pendulous panicles, varying from white to a rich lilac purple and pea-shaped in formation, which appear in spring before the advent of foliage. Wistarias make gorgeous effects by reason of their profuse and abundant flowering characteristics.

Bird of Paradise

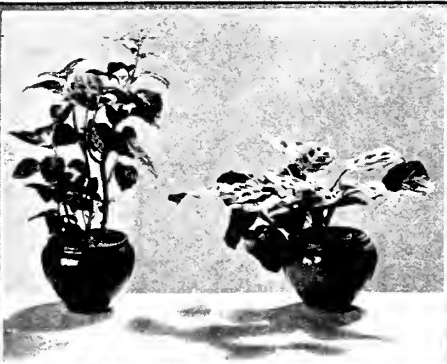
(STRELITZIA REGINAE)



This rare plant is much prized for planting in the garden or for growing in tubs or pots in the patio, making a striking effect with the tropical appearance of its leaves and the exotic beauty of its flowers. The leaves are similar in shape to the banana, about six inches broad and twelve to eighteen inches long, deep green and shining. The flowers are held above the foliage on sturdy stems and are indescribably handsome, with three sets of bright orange petals and three bright blue stigmas forming a crest, the whole blossom resembling the head of a Bird of Paradise. Besides beautifying the garden, these flowers are a delight to the interior decorator for their artistic effect as cut flowers, and they will last in water for many days.

Suitable plants for transplanting have been very scarce, and their price has heretofore been almost prohibitive. We now have some splendid plants in six-inch pots at a very special price.

Plants like these
\$2.50 and \$3.50 each



The well known foliage plant, *Colusa*, is very satisfactory for indoor culture, or outside where there is no danger of frost.

A rare little conservatory plant called *Maranta*.



The *Saintpaulia*, or African Violet, is a most charming little plant for table decoration. It flowers freely in the house and has most attractive foliage. It is adaptable to many types of gardeners.



The *Poinciana*, or Poinciana Palm, is one of the most graceful, hardy house plants. It withstands adverse conditions admirably.

DECORATIVE PLANTS

For the House and Patio

In this department we have a most extensive variety of ornamental plants, with decorative foliage or flowers for interior, porch, and patio decoration.

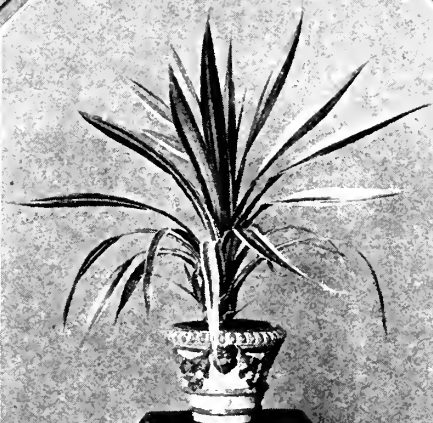
Appropriate containers are as essential to harmonious effects as are the living plants. The effect of the most beautiful flowering or foliage plant will not be pleasing unless it is properly blended with an appropriate background and in a fitting container.

Our personally selected foreign and domestic pottery places us in a unique position to provide a distinctive beautification for your home.

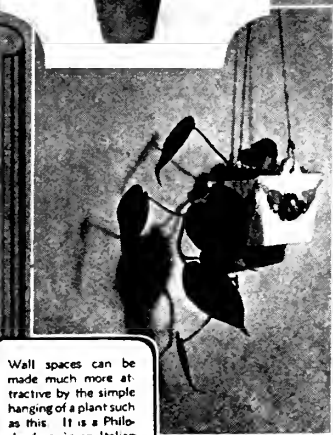
Let us help you select the plants and pottery for your interior gardens.



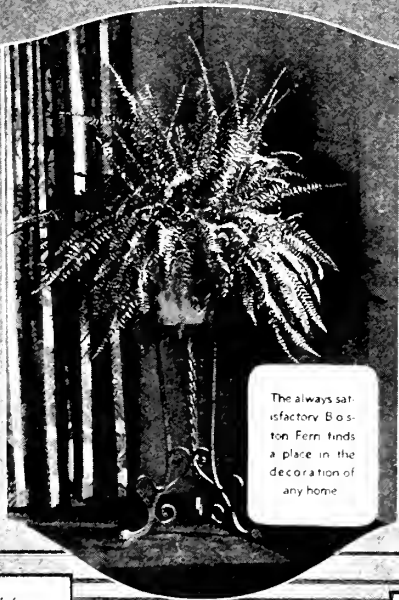
Sanseveria, an extremely hardy house plant, very fitting in modern decoration.



The *Pandanus* is an artistic and hardy house plant. Its foliage is glossy green with golden stripes.



Wall spaces can be made much more attractive by the simple hanging of a plant such as this. It is a *Philodendron*, in an Italian majolica pot.



The always satisfactory *Boston Fern* finds a place in the decoration of any home.



Here is a rare and beautiful fern for house or conservatory. It is a tree fern from Mexico, and is a fine subject for pot culture.



There are many types of fancy leaved *Dracaenas* adapted to growing in the house. This one has purplish bronze colored foliage.

NOVELTIES AND IMPROVED STRAINS OF FLOWER SEEDS

New Varieties Which Have Been Outstanding in the Trial Fields This Year

New Colors in California Poppies (ESCHSCHOLTZIA)

These are gorgeously beautiful flowers and should find a place in all gardens.

Ramona. Rich maroon with reddish-gold suffusion. Very heavily frilled.

Salmon Beauty. Distinct and beautiful salmon, both inside and out of petals.

Price 25c per packet

Chrysanthemum Indicum

A very early flowering perennial, flowering five months after sowing of the seed. The double, semi-double and single daisy-like flowers have a wonderful range of colors and make very showy beds, furnishing a wealth of flowers for cutting.

Price 25c per packet

New Flowerland Hybrid Delphiniums

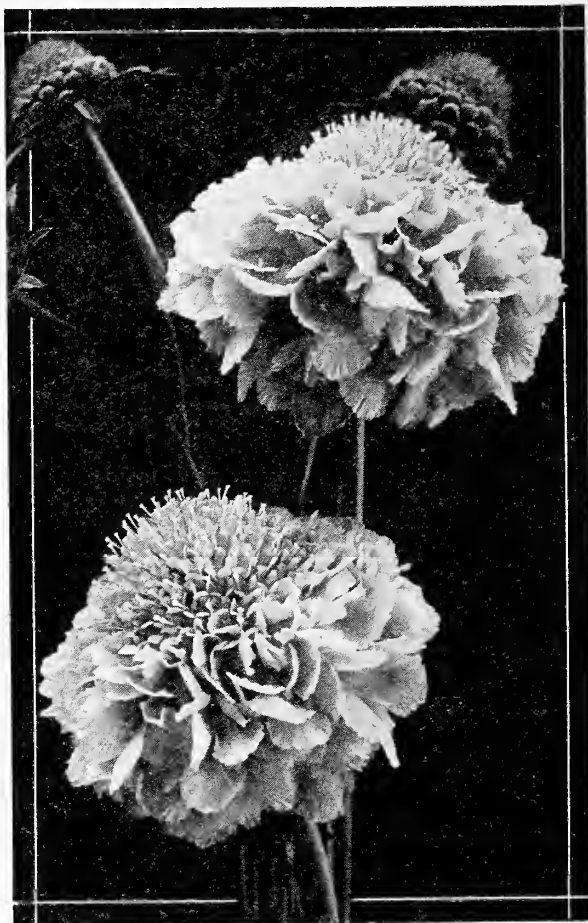
We consider this a distinctly superior strain because of the magnificent large flowers in exquisite shades of blue, often tinted with pink, giving a lovely two-toned effect. The plants have a branching habit, furnishing many graceful side sprays filled with large blossoms. Unexcelled for cutting.

Price 50c per packet

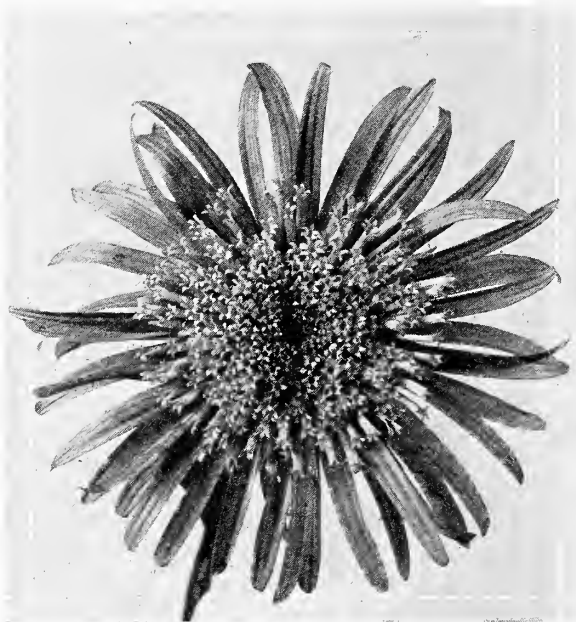
New Scabiosa LOVELINESS

This is a most attractive annual Scabiosa with lovely flowers in salmon-rose shades. A splendid flower for cutting.

Price 25c per packet



Scabiosa Loveliness



Giant California Sunshine Aster

Giant California Sunshine Asters

This is one of the most outstanding novelties for making lovely cut flower decorations which has been introduced in many years. It is a cross between the California Giants and the Dwarf Sunshine Aster. The plants grow three feet high, bearing their blossoms on long stems, making them fine for cutting. The individual blooms are enormous—four and five inches across—and have a lovely two-toned color effect with disk a creamy yellow, made up of miniature star-shaped florets and the encircling petals varying in shades of pink, appleblossom, deep rose, blue, and lavender, producing most beautiful contrasts. We know of no other flowers which draw more admiration in a bouquet or basket than these magnificent Asters. Mixed colors.

Price 25c per packet, 1 Ounce \$4.00



Snapdragon Majestic Twilight

Snapdragons

Two new varieties in the giant flowered medium height class. They are outstanding by way of color and size of bloom.

Tangerine. Brilliant fiery orange.

Majestic Twilight. Rosy-salmon.

Price 25c per packet

Horned Poppy (GLAUCIUM FLAVUM)

These lovely poppies resemble an oriental poppy in gorgeous shades of orange, scarlet, and yellow. The foliage is blue-green and holly-like.

Price 25c per packet

Giant Imperial Larkspur

Two decidedly beautiful new colors.

Gloria. Rich deep rose.

Peachblossom. Clear light pink.

Price 25c per packet

New Double Nasturtium

Golden Gleam. See inside back cover for description and color plate.

Price 25c per packet

Pansy

Triumph of the Giants. An improved strain of marvelously beautiful frilled flowers in an unusually wide range of rich colors, gorgeously marked. This seed is special stock from the originator of this strain.

Price 50c per packet

Lake of Thun. This is a Swiss Giant type in a new shade of intense blue. Beds of this lovely novelty have created a sensation wherever grown.

Price 50c per packet

Annual Statice

Statice sinuata rosea superba. This improved Statice has very large sprays of rosy-mauve flowers, making a most beautiful everlasting bouquet.

Price 25c per packet

Star of the Veldt

(DIMORPHOTHECA EKLONIS)

This is called a blue African Daisy, because of the pearly white flowers which have deep blue centers and the petals are steel blue on the back. Their long stems make them splendid for cutting. The plant is perennial and almost ever-blooming.

Price 25c per packet

Mexican Orange Daisy

(TITHONIA SPECIOSA)

The brilliant flame-orange flowers somewhat resemble a single Zinnia. They have long stems and the flowers are beautifully formed. This is reputed to be one of the flowers of the ancient Aztecs. It blooms in the fall and is wonderful for Halloween decorations. Plant grows from six to eight feet high.

Price 25c per packet



Mexican Orange Daisy

Seeds of Annual Flowering Plants



We search the world for new and better strains of flower seed for use in our seed packets, and bring to you the finer creations of specialists who have devoted their lives to the improvement of flowers. Many of our varieties are imported from England, France, and Germany, while others are grown for us on the Pacific Coast.

Better seeds are not obtainable than those which you purchase in Paul J. Howard's seed packets.

Immortelles

Acroclinium. A pretty "everlasting", growing about fifteen inches high with lovely white or rosy-pink flowers which can be dried. Mixed.

Price 10c per packet

Ageratum (FLOSS FLOWER)

Favorite bedding plant and blooms nearly the year around. Easily raised from seed either in the spring or fall.

Blue Perfection. The best bedding variety.

Little Blue Star. Valuable for borders, 4 inches high.

Price 10c per packet

Alyssum

Sweet Alyssum. Useful for beds, baskets, boxes or edgings. Very sweetly scented.

Little Gem. Dwarf compact. The best for edgings.

Price 10c per packet

Lilac Queen. A dwarf variety with pure lilac flowers.

Price 15c per packet

Carpet of Snow. (New). A valuable acquisition for edgings. The plant is very low growing, only about 2½ inches in height with a spread of 12 to 18 inches. The solid masses of flowers entirely cover the foliage and are pure, snowy white.

Price 25c per packet

Amaranthus

Very showy bedding plants for their brilliantly colored foliage.

Amaranthus caudatus. Love Lies Bleeding. This grows about five feet high. Forms large branched plant with curiously drooping flower tassels which look like crimson chenille.

Price 10c per packet

Molten Fire. Makes the brightest beds imaginable. The color of the leaves is so brilliant in shades of red that the plant suggests molten fire.

Price 25c per packet

Sunrise. The foliage is bronzy-crimson. Very brilliant.

Price 15c per packet

African Daisy

Arctotis grandis. This is very hardy and will grow most any place in the garden, producing quantities of white daisies, the petals of which are lilac-blue on the back.

Price 10c per packet

Snapdragon (ANTIRRHINUM)

Our strains of Snapdragons are without a peer in their splendid habit of growth and magnificent large flowers in well filled spikes.

MEDIUM HEIGHT

Amber Queen. Amber suffused salmon.

Climax. Orange shading to yellow at tip.

Defiance. Buff-orange and russet-red.

Empress. Rich velvety crimson.

Gloria. Rich rose-pink.

Golden Queen. Clear golden yellow.

Madonna. The finest white in existence.

Pink Perfection. Pink suffused salmon.

Rose Dore. Rose suffused orange.

Silver Pink. Pearly pink self.

Price of any of the above; 15c per packet
6 packets for 75c

Two beautiful new Snapdragons of the large flowered medium height class.

Majestic Twilight. An exquisite rosy-salmon.

Tangerine. Fiery orange.

Price 25c per packet

MAXIMUM OR SUPER-GIANT SORTS

Appleblossom. Rosy-blush.

Bunch of Lilac. Rich deep lilac.

Canary Bird. Canary yellow.

Copper King. Velvety copper-scarlet.

Maralda. Coppery-rose.

Old Gold. Deep bronzy-gold.

Ruby. Ruby red.

The Rose. Large rose-pink.

Wallflower. Brownish orange and copper red.

Price of any of the above varieties; 15c per packet
6 packets for 75c

Salmon Rose. (New). Lovely soft salmon-rose.

Price 25c per packet

Asters

IMPROVED GIANTS OF CALIFORNIA

The finest Asters yet produced. They are of strong sturdy habit and the immense fluffy flowers are borne on long sturdy stems, making them most desirable and attractive for floral decorations. White, peachblossom, pale pink, light blue, light purple, deep rose, dark purple, and mixed.

Price 25c per packet, 5 packets \$1.00
1 Ounce \$3.00

EARLY BEAUTY TYPE

Peony Flowered Asters. Of the same habit of growth as the Giants of California, with equally large flowers, the petals of which are broad and flatter. White, carmine-rose, crimson, purple, lavender, rose-pink, flesh-pink (September Beauty), and mixed.

Price 25c per packet; 5 packets \$1.00,
1 ounce \$2.00

Single Giants of California. The beautiful flowers resemble colored Shasta Daisies. White, rose, light blue, purple, and mixed.

Price 25c per packet; 5 packets \$1.00,
1 ounce \$2.00

Sunshine or Anemone Flowered Type. A single Aster with a cushion center made up of starry quills. Carmine, flesh, lavender, pink, violet, white, and mixed.

Price 25c per packet; 5 packets \$1.00,
1 ounce \$3.00

Heart of France. An effective Aster for bedding purposes. Has medium sized flowers of a rich dark red, a color not found in any other.

Price 15c per packet, 1 ounce \$2.00

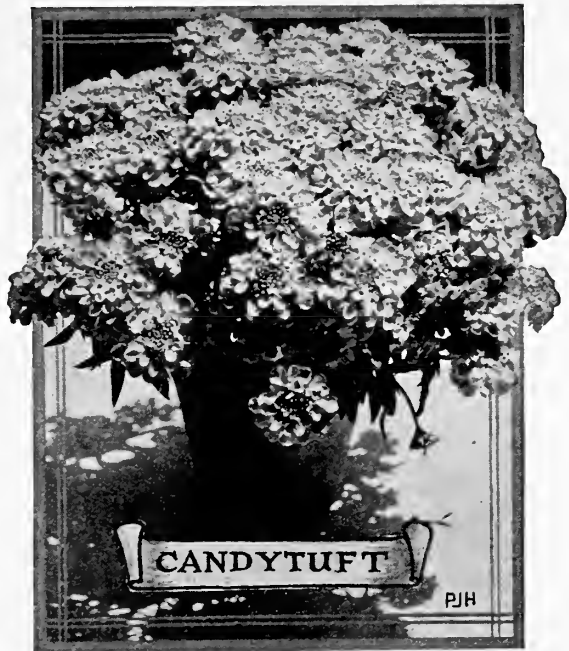
Balsam

A pretty plant for growing in beds in shady places or for flowering in pots. The symmetrical plants produce double flowers resembling Camellias. Scarlet, yellow, salmon, white, violet, and mixed.

Price 15c per packet



Giant of California Aster



Giant California Sunshine Asters

This grand novelty is one of the loveliest flowers produced in many years. They make the prettiest floral decorations imaginable, producing an effect of indescribable beauty and refinement. The flowers are composed of a single row of long graceful petals, surrounding a cushion center of creamy yellow color, which contrasts beautifully with the color of the petals. Mixed colors only, including rose, pink, blue, and white.

Price 25c per packet; 1 ounce \$4.00

Swan River Daisy

(BRACHYCOME)

The low growing plants are covered the entire summer with a profusion of pretty blue or white flowers. Suitable for edging, small beds or pot culture.

Price 10c per packet

Browallia

A very pretty plant for borders, beds or window boxes, with beautiful deep amethyst blue flowers shaped like small Gloxinias.

Price 10c per packet

Calendula

(POT MARIGOLD OR ENGLISH MARIGOLD)

Newer improved varieties, far superior to the ordinary kinds, with much larger and finer blooms.

The Ball. Deep orange with a lighter center.

Ball's Gold Improved. Rich golden yellow.

Ball's Supreme. Cadmium orange with a brown center.

Campfire. Brilliant fiery orange. Very large flat flower.

Radio. An entirely new type with quilled petals of bright orange.

Price of any of the above: 25c per packet
5 packets for \$1.00

Meteor. Creamy white striped orange.

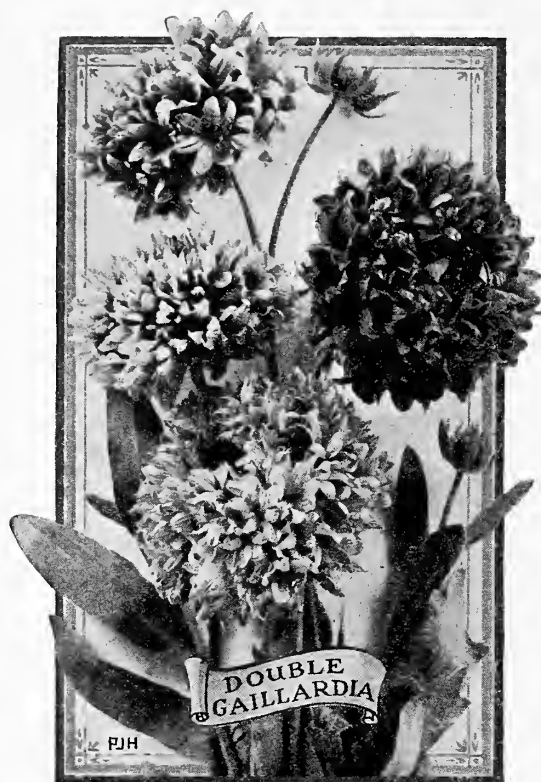
Nankeen. Carmine flushed apricot.

Orange King. Reddish orange

Lemon Queen. Sunflower yellow.

Mixed, all varieties, extra fine.

Price 10c per packet; 5 packets 1.00



Calliopsis

Easily grown and very free flowering, producing myriads of flowers in various shades of yellow and brown. Tall varieties mixed. Grows about two to three feet high.

Dwarf Bicolor Mixed. Splendid for low beds and borders. Height about 18 inches.

Price 10c per packet

Canterbury Bells (CAMPANULA MEDIUM)

Favorite flowers for bedding in partially shady places. Their tall sprays of bell-like flowers are also splendid for cutting. Single. White, rose, blue, lilac, and mixed.

Price 15c per packet

Double. White, rose, blue, and mixed.

Price 15c per packet

Cup & Saucer. Pink, white, blue, lilac, and mixed.

Price 25c per packet

Candytuft

Extremely fragrant flowers for bedding and for borders. An old fashioned favorite.

Giant Hyacinth Flowered White. Enormous trusses of bloom.

Price 15c per packet

Iberis umbellata. Bush Candytuft. Crimson, pink, lavender, rose, white and mixed.

Price 10c per packet

Iberis umbellata Dwarf. Very compact plant. Crimson, pink, lilac, rose, white, and mixed.

Price 10c per packet

Celosia

SHOWY BEDDING PLANTS

Celosia plumosa. Improved feathered Celosia. Crimson, fiery red, scarlet, yellow, and mixed.

Celosia cristata dwarf. (Cockscomb).

Empress. Dark foliage, deep crimson flowers in very large heads.

Price 15c per packet

California Native Wildflowers

This seed is valuable for brightening open spaces in vacant lots, in parkways and in corners of the garden. Ours is a superior mixture of the most beautiful types of true native California flowers.

No. 1. For sunny places. A mixture of 20 distinct varieties.

Price per packet 25c; Ounce 50c;

¼ Lb. \$1.50; 1 Lb. \$5.00

No. 2. For shady places.

Price per packet 25c; Ounce 75c;

1 Lb. \$7.00

California Poppies

(ESCHSCHOLTZIA)

New Hybrids. The newer hybrid Eschscholtzias are indeed most beautiful flowers for the garden, and strange as it may seem, they are much more sought after in England and widely cultivated, than here in California where they grow to perfection.

Tango. Bronzy-red and terra cotta.

Orange Flame. Vivid orange-scarlet.

Mauve Beauty. Pure mauve.

Purple Globe. Reddish purple.

Lovely. Rich rose-pink suffused salmon.

Ramona. (New). Rich mahogany with reddish-gold suffusion. Very heavily frilled.

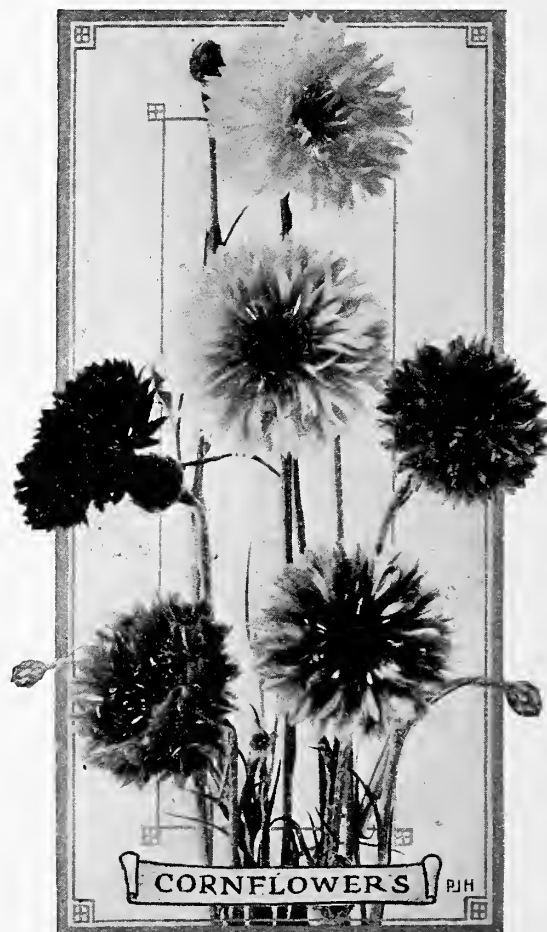
Salmon Beauty. Distinct and beautiful. Same both inside and outside of petals.

Price of any of the above hybrids, 25c per packet,

5 packets for \$1.00

New Hybrids Mixed. Price 15c per packet.

Native Orange California Poppy. Price 10c per packet; 35c per ounce; \$3.00 per pound.



Cornflower

Centaurea cyanus. (Bachelor Button). Easily grown and furnish excellent cut flowers. The double blue one is particularly beautiful mixed with yellow flowers. Double blue, double carmine, double rose, and double mixed.

Price 10c per packet

Centaurea

Centaurea imperialis. Imperial Sweet Sultan. Splendid for cutting, the flowers resembling fluffy thistle blossoms. Amaranth red, purple, brilliant rose, double lavender, delicate lilac, white, and mixed.

Centaurea suaveolens. Yellow Grecian Cornflower. Similar to the *Centaurea imperialis*.

Price 15c per packet

Painted Daisy (ANNUAL CHRYSANTHEMUM)

Bushy plants with finely divided foliage, bearing single Marguerite-like flowers in many colors, with contrasting zones in the center which are excellent for cutting. Mixed.

Price 15c per packet

Cineraria

Our prize strains of Cinerarias are without a peer for glorious color and the huge size of their blossoms, which are borne in immense heads above compact, shapely plants. There is no other flower which will so brighten a shady place.

Paul J. Howard's Prize Tall. In addition to our unequalled mixture of gorgeous colors we put up the seed of these in separate color shades. Pink and salmon shades, crimson and red shades, and the blue shades.

Prize Dwarf. Lower growing than the above. Large flowering. Mixed.

Price 50c per packet

Stellata & Cruenta Hybrids. Star Cineraria. Profuse clusters of starry flowers on tall growing plants. Splendid in the background.

Price 25c per packet



Chinese Forget-Me-Not (CYNOCLOSSUM)

The dainty branched sprays of flowers resemble the true Forget-me-not, but are much deeper blue in color. In fact they are one of the richest blue flowers we know of.

Price 15c per packet

PINK CYNOCLOSSUM

A pretty new variety of the above with rosy pink flowers.

Price 25c per packet

Cosmos

The cosmos are well known flowers growing on tall plants and are useful for background plantings. The flowers are beautiful in bouquets.

Early Express. A new Cosmos. Clear pink color which will flower in forty-five days from seed.

Price 15c per packet

Early Mammoth. The best of the early flowered Cosmos with large flowers in colors of crimson, pink, white, and mixed.

Price 10c per packet

Late Cosmos. These are beautiful varieties flowering from September on.

Lady Lennox Pink.

Lady Lennox White.

Price 10c per packet

Double Crested Cosmos. Extra early. The double form of Cosmos is an extremely beautiful flower for cutting. Our seed is carefully selected and produces the highest percentage of double flowers.

Carmelia. Crimson.

Peachblossom. Pink.

Whirlwind. Fine white.

Mixed.

Price 25c per packet

KLONDYKE COSMOS

A beautiful form of Cosmos, producing a tall bush completely covered with striking bright orange blossoms in the fall.

Price 15c per packet





Gaillardia Indian Chief

Clarkia

Clarkia elegans. Double. An annual that is becoming increasingly popular for use as a cut flower. The sprays of blossoms are as graceful and beautiful as peach blossoms.

Appleblossom. Delicate pink.
 Orange King. Fiery orange.
 Salmon Queen. Rich glowing salmon.
 Purple Prince. Clear purple.
 Vesuvius. Orange, scarlet and salmon, and all colors mixed.

Price 15c per packet

Chinese Pinks

(DIANTHUS HEDEWIGI)

These double Pinks make a beautiful display in the garden in solid beds or in borders. The flowers are very large, produced in great profusion and come in a mixture of many brilliant shades of red, rose, and pink, with gorgeous markings.

Price 15c per packet

Blue Lace Flower

(DIDISCUS CAERULEUS)

This is becoming popular as a cut flower. The lacy blue blossoms are borne on long stems on plants about 18 inches high, easily grown from seed.

Price 15c per packet

African Golden Daisy

(DIMORPHOTHECA AURANTIACA)

Beds of these brilliant daisies are very striking and they are attractive as cut flowers. Aurantiaca is a variety that is solid orange and the hybrids contain many shades of orange, salmon, yellow, and cream. In California they are best planted to flower in winter and spring.

Price 10c per packet

Gaillardia

Extremely showy summer flowering annuals, which are hardy and easily grown from seed. They make brilliant beds and they are striking as cut flowers.

Gaillardia Indian Chief. A new variety with deep mahogany-red flowers. Very artistic.

Double Gaillardia. (Picta lorenziana). In form these resemble a Scabiosa, but are more fluffy without the cushioned centers. The colors range from yellow through orange, salmon, scarlet and crimson.

Price 15c per packet

Snow On The Mountain

(EUPHORBIA VARIEGATA)

The attractive deep green foliage margined with silvery white is very effective when cut and mixed with flowers in floral decorations.

Price 15c per packet

Godetia

(FAREWELL TO SPRING)

These are becoming very well known for their beauty as cut flowers as well as for their effective showing in the garden. The plants are easily grown from seed sown in beds where they are to flower. They prefer a light soil without addition of any fertilizer.

Tall Double Azalea Flowered Godetia. This is the best variety for cutting, producing long sprays of blossoms. In separate packages of crimson, carmine, cherry red, light violet, pink, rose, and mixed.

Price 15c per packet

Dwarf Single Godetia. Splendid for beds borders or pot plants. The flowers rival Azaleas in beauty. Scarlet, blood red, apricot-rose, yellow, pink, and mixed.

Price 15c per packet

Globe Amaranth

(GOMPHRENA)

Valuable for making unusual appearing flower beds and borders. The flowers superficially resemble a clover blossom. Their unusual amaranth red color and everlasting quality makes them particularly fine for cutting.

Price 10c per packet

Baby's Breath

(GYPSOPHILA ELEGANS)

The sprays of little white blossoms are widely used for mixing in bouquets of Sweet Peas and other flowers. Our Paris Market Strain is the finest variety for this purpose.

Price 10c per packet

Linaria

Maroccana. Excelsior Hybrids. A pretty annual growing like a Larkspur, in a wide range of colors. Mixed.

Price 15c per packet

Scarlet Flax

Linum rubrum. These showy flowers are very effective when sown in large open beds and make a particularly striking appearance mixed with California Poppies and broadcast.

Price 15c per packet



Dwarf Godetia

Strawflower

Helichrysum monstrosum. Giant double Strawflower. The best variety for everlasting bouquets. Rose, violet, scarlet, salmon, golden yellow, and mixed.

Price 15c per packet

Larkspur

The Larkspurs are one of the most useful of all annuals for all purposes. They make beautiful beds and can be planted as a background for lower growing flowers and their splendid sprays of blossom are without equal for cutting purposes. In California they may be planted practically the entire year so that one never need be without these lovely flowers. The seed will readily germinate and may be planted in the beds where they are to flower.

Tall Double Stock-Flowered Larkspur. A splendid strain producing large branching plants. Dark Blue; Sky Blue; Exquisite, clear pink; Empress Rose, rose pink; Lilac; Lustrous Carmine; Pure White; and Mixed.

Price 15c per packet

TWO LOVELY NEW SHADES

La France. Salmon-pink.

Los Angeles. Rose on salmon ground.

Price 25c per packet

New Improved Giant Imperial Larkspur

This is a new and distinctly improved type of double Larkspur, which produces long spikes of very large double flowers directly from the base of the plant. This base branching habit makes them ideal for cut flower purposes.

Blue Spire. Intense deep Oxford blue.

Exquisite Pink Improved. Soft pink, shaded salmon.

Exquisite Rose. Rose pink.

Gloria. Rich deep rose.

Lilac Spire. Light lilac.

Miss California. Deep pink shaded salmon.

White Spire. Dazzling pure white.

Mixed. A superior mixture of all varieties.

Price 25c per packet;

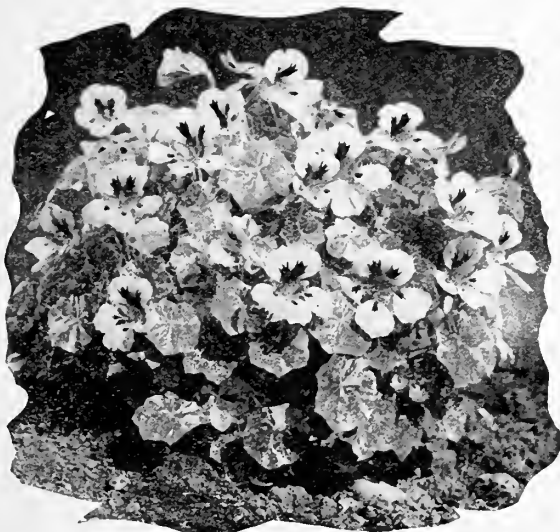
5 packets for \$1.00

Tidy Tips

(LAYIA ELEGANS)

One of California's most dainty wildflowers. Yellow daisy flowers with white tipped petals. Effective when sown broadcast.

Price 25c per packet



Dwarf Nasturtium



Larkspur—La France

Lobelia

One of the most desirable plants for use in hanging baskets, window boxes, and especially for edgings, borders, etc.

Crystal Palace compacta. Bright blue. Fine for borders.

Emperor William. Dwarf. Gentian blue.

Hamburgia. The best trailing variety for hanging baskets, etc. Sky blue with a white eye.

Price 15c per packet

Lunaria Biennis

The dried pods are used in vases for interior decoration.

Silver Moon Pod. White.

Ruddy Moon Pod. Red.

Price 15c per packet

Lupine

Lupinus hartwegi. The garden Lupine. Tall spikes, fine for cut flowers. White, rose, sky-blue, dark blue, and mixed.

Price 15c per packet

Lupinus nanus. The dwarf blue Lupine, native of California. Excellent for sowing broadcast in large open beds or fields.

Price 10c per packet;

1 Ounce 40c; 1 Lb. \$4.00

Mignonette

Valued for its exquisite fragrance.

Defiance. Very fine large spikes of bloom.

Golden Queen. Compact growing. Bright yellow.

Machet. Dwarf growing.

Price 15c per packet

Marigold

The African and French Marigolds are old favorites; free flowering, of easy culture, adapted to large beds or mixed borders. They succeed best in a light soil with full exposure to the sun.

FRENCH MARIGOLDS

Dwarf Diadem. Single mahogany-red edged gold.
Legion of Honor. Single. Golden yellow marked with a spot of velvety crimson at the base of each petal.
Dwarf French Double Mixed. Shades of yellow and brown.
Tall French Double Mixed. This variety will grow three feet high.

Price 10c per packet

AFRICAN MARIGOLDS

The large ball-shaped Marigolds which are so much used for cutting in the summer.

Orange Ball; Lemon Ball; and Mixed.

Price 10c per packet

TAGETES SIGNATA PUMILA

A miniature Marigold which forms a very compact bushy little plant ten to twelve inches high, literally covered with flowers which are a bright yellow with a brown stripe through the center of each petal. The foliage is finely cut and is exceptionally graceful. Wonderful for edging.

Price 15c per packet

AUSTRALIAN TREE MARIGOLD

A valuable addition to our list of Marigolds, growing from four to six feet high, freely branched and producing very pretty French type Marigolds on long stems. The colors contain rich shades of brown, red, and yellow and are very good as cut flowers, having little of the characteristic Marigold odor. This is a fine thing to plant in backgrounds against fences, etc., as Cosmos are used. It blooms in the late summer and fall.

Price 25c per packet

Four O'clocks

(MYRABILIS)

Marvel of Peru. Easily grown and will seed themselves throughout the garden, forming bushy plants covered with flowers of all colors.

Price 10c per packet

Forget-Me-Not

(MYOSOTIS)

Plant these in moist shady places in borders and in rockeries and along watercourses for their lovely sprays of blue flowers.

Alpestris. Sutton's Royal Blue. An Improved English strain with lovely light blue flowers.

Price 15c per packet

Blue Bird. The finest deep blue. Robust in growth with long sprays of flowers.

Price 25c per packet

Nasturtium

Indispensable flowers for the garden and can be used in any number of ways, in borders, beds, window boxes, and pots.

DWARF VARIETIES

Form round bushy plants.

Aurora. Terra cotta.

Chameleon. Red and yellow.

Crystal Palace Gem. Yellow spotted maroon.

Salmon Queen. Salmon-rose.

Finest Dwarf Varieties Mixed.

Price 10c per packet,

1 Ounce 25c

TALL VARIETIES

These are the trailing or climbing types.

Dunnett's Orange. A very rich color.

Firefly. Yellow spotted red.

Golden Queen. Sunflower yellow.

Rose. Bright rose.

Spitfire. Rosy-scarlet.

Crimson. Velvety-crimson.

Tall California Giants Mixed. A special mixture of the better varieties.

Price 10c per packet,

1 Ounce 25c

NEW DOUBLE NASTURTIUM

See inside back cover

Nicotiana

SWEET SCENTED TOBACCO PLANT

Very easily grown from seed and the plants live for two or three years and continuously reseed themselves. For background plantings and among shrubbery they are very pretty.

Affinis Hybrids Mixed. A mixture of rose-red, lavender, pink, and white. Very fragrant.

Price 10c per packet

Crimson King. A new variety, not so tall growing, with bright crimson flowers.

Price 15c per packet

Nemesia

Nemesia strumosa suttoni. The finest mixture in red, orange, rose, and scarlet shades. The flowers resemble little Snapdragons.

Price 25c per packet

Nemesia compacta. Improved Blue Gem. Makes a very pretty bed or border.

Price 25c per packet

Baby Blue Eyes

(NEMOPHILA INSIGNIS)

This dainty blue flower, native to California, is very useful for beds and borders, or as a ground cover.

Price 10c per packet, 1 Ounce 35c

Nigella

(LOVE IN A MIST)

This plant has feathery foliage among which is nestled pretty blossoms. Either white or blue.

Price 10c per packet

Old Fashioned Garden Flowers

A mixture of many kinds of hardy annuals, which may be sown in the open ground and require very little care.

Price 10c per packet, 1 Ounce 25c, 1 Lb. \$2.00

Pansy

To obtain the finest Pansies that may be grown, we have visited specialists throughout the world and have selected seed from growers who have spent their entire careers in the improvement of this popular flower. We offer this seed to our clients with full assurance that it is the best obtainable.

Triumph of the Giants Improved. A beautifully frilled type with very large flowers in rich and brilliant colorings. This seed is special stock from the originator of this strain.

Price 50c per packet

Swiss Giants. The flowers are absolutely immense and the colors are very rich. Beautifully marked; contain mostly dark shades.

Price 50c per packet

Orchid Flowered Mixture. A large flowered Pansy that is very popular on the Pacific coast for bedding. Contains many shades of blue, lavender, yellow, bronze, and red.

Price 25c per packet

Lake of Thun. Swiss Roggli Giant Type. A new variety of very intense blue color.

Price 50c per packet

The following Pansies in separate colors are splendid for color beds, in which manner they are widely used in Europe.

Giant Flowered Rosy-Blue.

Giant Flowered Orange King. Deep orange.

Giant Flowered Mauve Queen. Rich mauve.

Giant Flowered Fairy Queen. Violet-blue, edged white.

Emperor William. Rich metallic blue.

Beaconsfield. The lower petals are deep purple-violet; the upper ones rich blue.

Golden Queen. Pure yellow.

Bronze. Bronzy yellow tinged brown.

Price 25c per packet

Petunia

For effective show, few flowers equal Petunias, either for bedding or window and porch boxes. They flower early and remain a mass of bloom the entire season, requiring fairly good soil and a sunny position. Sow the seed in boxes and then transplant to the open.

BALCONY TYPE

Of trailing habit, especially valuable for window boxes, hanging baskets and pots. Crimson, blue, rose, and mixed.

Price 25c per packet

SINGLE BEDDING TYPES

These are of compact habit of growth and are exceedingly free flowering, making beautiful effects in beds or borders.

Rosy Morn. Pink with a light throat.

Rose of Heaven. Clear rose-pink. Dwarf. Very fine for borders.

Pink Glory. A large flower with a wavy edge. Deep pink.

General Dodds. Velvety red.

Violacea. Deep violet.

Price of any of the above; 15c per packet

Purple Prince. Deep velvety purple. Large flowers.

Silver Blue. Of the Rosy Morn type with light silvery-blue flowers.

Howard's Star Improved. Large flower, purple with a white star in the center.

Price of the above three varieties; 25c per packet

Finest Mixture of Single Bedding Varieties

Price 15c per packet

LARGE FLOWERED FRILLED PETUNIAS

Romany Lass. Rich coppery-crimson.

Theodosia. Rosy-pink with a golden center. A most attractive variety.

Steel Blue. Powder blue with deeper veinings and throat.

Pink Triumph. The finest frilled clear pink.

Violet Fringe. Immense deep blue flowers with fringed edges.

Price 25c per packet

Dwarf Giants of California. A new dwarf compact variety with extra large flowers of rich colorings. Fine for pots. Mixed.

Price 50c per packet

Giants of California. One of the most popular of all the large flowered ruffled Petunias, containing a wide variety of rich colors.

Price 35c per packet

Ruffled Monsters. Huge ruffled and fringed flowers. The largest of all. Mostly with dark purple throats. The colors are very rich.

Price 35c per packet

Giant Peony Flowered Double. The finest mixture of colors. The seed will produce a high percentage of double flowers.

Price 50c per packet

Phlox

Phlox drummondii. For a continuous show of color from spring until late in fall, nothing excels the annual Phlox. Easily grown from seed. Crimson, scarlet, flesh-pink, rose, lilac, blue, violet, primrose, white, and mixed.

Price 15c per packet, 6 packets for 75c

Poppy

Poppies are one of the best seeds for sowing in an open bed.

Double Carnation Flowered Mixed.

Shirley American Legion. Scarlet.

Shirley Mixed.

Double Shirley Eldorado Mixed.

Price 15c per packet

Portulaca

(ROSE MOSS)

A brilliant flowering ground cover for banks and parkings.

Single Mixed.

Price 15c per packet

Double Mixed.

Price 25c per packet

Baby Primrose

Primula malacoides. A free flowering little plant for the shady bed; beautiful mixed with other flowers. Lilac and rose.

Price 25c per packet

Rhodanthe

An everlasting flower with bell-shaped blossoms in pink and white. Mixed.

Price 10c per packet

Salpiglossis

(VELVET FLOWER OR PAINTED TONGUE)

These lovely flowers are coming into great favor for cutting. They are lily-like with rich and velvety colorings. Golden yellow, velvety red, Faust (black), bright blue and gold, violet and gold, rose and gold, scarlet and gold, crimson and gold, brown and gold, or all colors mixed.

Price 15c per packet

Collection of 6 different colors 75c

Scabiosa

(PINCUSHION FLOWER)

Found in all old fashioned gardens; very useful for cutting. Our new strain is a vast improvement.

Azure Fairy. Lavender-blue.

Crimson.

King of the blacks.

Peachblossom. Delicate pink.

Rose.

Shasta. Snowy white.

Mixed.

Price 15c per packet

Loveliness. See novelty list.

Schizanthus

(BUTTERFLY FLOWER)

One of the daintiest flowers imaginable. Especially adapted for lightening the effect of taller and heavier planting. The plants bloom a few weeks after sowing.

Chislehurst Giant Hybrids. Rich deep shades.

Excelsior. All shades mixed.

Price 25c per packet



Baby Primrose



Zinnia haageana

Stocks

We use the greatest care in the selection of our Stock seed, so that they will produce the highest possible percentage of double flowers.

Mammoth Beauty of Nice A favorite bedding variety. Salmon-rose, old rose, flesh, carmine, crimson, lilac, pale violet, light blue dark blue, dark violet, white and canary yellow, or all varieties mixed.

Price 25c per packet, 5 pkts. for \$1.00, 1 ounce, \$4.00

Perpetual Branching or Giant Perfection. Terra Cotta-rose, pale blue, violet, rose, blood red, canary yellow, white and mixed.

Price 15c per packet, 6 pkts. for 75c, 1 ounce \$3.00

Improved Bismarck. The plants are of robust branching habit with heavy spikes of bloom. One of the finest flowers for cutting. Antique Copper white, flesh-pink, canary yellow, chamois-rose, dark blue, lavender, red, Elk's Pride (rich purple), golden rose, and all colors mixed.

Price 25c per packet 5 packets for \$1.00
1 ounce \$5.00

Statice

Statice sinuata. These sprays of everlasting flowers are much used for drying. Blue, rose, lavender, yellow, mixed.

Price 10c per packet

Statice sinuata rosea superba. See novelty list.

Stevia

Stevia serrata. The pure white sprays of this easily grown annual are splendid for mixing in bouquets, as one does Baby's Breath.

Price 15c per packet

Viscaria

Viscarias have Phlox-like flowers on low growing wiry stemmed plants and make showy beds and borders, blooming for a long period.

Viscaria cardinalis. Bright carmine red.

Viscaria oculata nana compacta. The dwarf form. Especially good for borders.

Mixed Colors. Containing rose, red, and blue.

Price 15c per packet

Annual Sweet William

A rapid growing variety blooming very early, with large trusses of single fragrant flowers.

Price 15c per packet

Xeranthemum

An everlasting flower with silvery foliage and beautiful silky flowers. Rose, blue, and white. Very effective.

Price 10c per packet

Zinnias

Gold Medal Dahlia Flowered Zinnias

This is the original true strain of this finest of all Zinnias. The mammoth flowers are often six inches across and three to four inches in depth. Similar in shape to a double decorative dahlia.

Four New Improved Varieties

Eldorado. Fascinating shades of rose and salmon.

Luminosa. Enormous flowers; bright salmon-rose.

Golden Dawn. A distinct and beautiful golden yellow.

Old Gold. A mixture of light and dark shades of old gold.

Price 25c per packet

Canary Bird. Delicate shade of primrose yellow.

Crimson Monarch. Largest of the red shades.

Dream. Light and deep lavender.

Exquisite. Light rose with a deep rose center.

Giant Attraction. Brick red.

Golden State. Orange yellow shading to burnt orange.

Illumination. Brilliant Tyrian rose.

Lemon Beauty. Lemon yellow.

Old Rose. Soft old rose color.

Oriole. Orange and gold.

Polar Bear. Pure white.

Scarlet Flame. Bright scarlet.

Price 25c per packet; 5 packets for 1.00;
1 ounce \$2.50

Collection Price: 1 packet each of the above 12 varieties \$2.50
Postage prepaid

Special Dahlia Flowered Mixture. Containing all of the above varieties.

Price 25c per packet, 1 ounce \$2.50

Giant Double Zinnias

This is a splendid type of Zinnia with very large flowers with flat petals, not cupped as in the dahlia flowered type. Golden yellow, burnt orange, white, crimson, rose, shrimp-pink, and mixed.

Price 15c per packet, 6 packets for 75c
1 ounce \$2.00

Pastel Shades Mixed

A beautifully blended mixture of the giant double type, including the softer shades only. For an effective bed or for cut flowers there is nothing finer.

Price 25c per packet, 1 ounce \$2.50

DWARF ZINNIAS

These dwarf types are especially fine for bedding, and for cutting they are particularly useful, being adapted to smaller vases than the large flowered type. They are also very pretty mixed with the larger flowered Zinnias.

Zinnia Lilliput. Pretty little Pompon flowers in the following colors: Canary, flesh-pink, orange, scarlet, salmon, rose, white, and mixed.

Price 15c per packet, 1 ounce \$1.00

NEW DWARF PICOTEE ZINNIA (DELIGHT)

A new type with ruffled and curled petals, each with a beautifully picoté edge, giving a light and dainty appearance.

Salmon-Rose.

Mixed. Including salmon shades, cream, buff, golden yellow, and lavender.

Price 25c per packet, 1 ounce \$3.00

Zinnia haageana. Especially adapted to edging where they make an effective and gorgeous showing in their many variations of color. Each plant when in bloom is literally covered with flowers. Mixed, all colors.

Price 15c per packet, 1 ounce \$2.00



SWEET PEAS

Although there are hundreds of varieties of Sweet Peas, we have confined our listing only to varieties of especial merit. We have selected these varieties for their large sized blossoms, waviness and fragrance, and number of flowers on each stem, clear distinct colorings and thrifty habit of growth.

Summer Flowering Spencer Sweet Peas

Six of the best new varieties:

Cattleya Queen. Rich orchid color, beautifully frilled.
Bon-Bon. Rich pink on an amber ground.
Ruffled Rose. Lovely soft rose-pink.
Pirate Gold. Bright gold and orange. A novel color.
Fluffy Ruffles. Light creamy-pink. Very dainty wavy flowers.

Fire. Rich brilliant scarlet.

Price 25c per packet

Collection of one packet each of the six novelties \$1.25

SELECT VARIETIES

Mary Pickford. Pink and salmon.
 Miss California. Orange-salmon.
 Heavenly Blue. Delphinium blue.
 Del Monte. Salmon cerise pink.
 Royal Pink. Pure pink.
 Powerscourt. The finest lavender.
 Barbara. Rich salmon.
 Elfreda Pearson. Large shell-pink.
 Grenadier. Dark red.
 The Cardinal. Poppy scarlet.
 Prince of Orange. Deep orange.
 Giant White. Pure snowy white.
 Jack Cornwall. Violet-blue.
 Leviathan. Rich maroon.

Price 15c per packet; 6 packets for 75c

Each packet contains enough seed for an 8 foot row
 Special Mixture. All of the above named varieties.

Price 15c per packet—Enough seed for an 8 foot row; Larger packets, enough seed for an 18 to 20 foot row 25c; 1 Ounce enough to plant 40 feet, 50c.

Early or Winter Flowering Spencer Sweet Peas

These bloom about a month sooner from seed than the summer Spencers and are better for planting when the weather is cool.

Lady Gay. (New). A delightful shade of soft shrimp-pink.
Peaches. (New). A new shade of apricot-rose. Large blossoms on extra long stems.

Price of the above two varieties, 35c per packet

All White. Largest pure white.
Amythest. Royal purple.
Aviator. Dazzling scarlet crimson.
Blue Bonnet. The best clear deep blue.
Duplex Pioneer. Peach-pink and cream; heavily ruffled blossoms.
Eldorado. The finest orange.
Glitters. Salmon cerise.
Grenadier. Dazzling scarlet.
Imperial Pink. Large clear pink.
Majestic Rose. Brilliant rose-pink.
Mauve Beauty. Rosy-mauve.
Mrs. Kerr. Beautiful salmon.
Othello. Deep maroon.
Rose Dore. Rose-pink and orange.
Harmony. Clear lavender.
Sweet Lavender. Pure lavender self color.
Spring song. Salmon-pink on a cream ground.
Valencia. Bronzy-apricot.
Zvolanek's Rose. Giant rose-pink.

Price 25c per packet, 5 packets for \$1.00

Special Mixture. All of the above named varieties

Price 25c per packet, 1 ounce \$1.00

General Mixture Early Flowering Spencers

Price 15c per packet, 1 ounce 50c

THE PRINCIPLES OF FLOWER ARRANGEMENT

by Prof. E. A. White

For the hostess, the social leader and all who delight in displaying flowers to their fullest beauty. The only book we know which gives the fundamental principles of floral composition. 225 pages, profusely illustrated, imitation leather. \$3.15

AMERICAN ALPINES IN THE GARDEN

by Anderson McCully

Hundreds of fine plants from our Pacific Northwest are fast coming into favor. This new book describes and tells how to grow over 500 different kinds and gives full information on making a rock garden. 19 illus., 262 pages. \$2.50

Seeds of Perennial Flowering Plants

Many Perennials are successfully raised from seed, some of them blooming the first year after planting, while a few varieties must be grown for two years before they will flower.

Blue Marguerite

Agathaea coelestis. Valuable for edging. Pretty blue daisies, with yellow centers.

Price 15c per packet

Alyssum

Alyssum saxatile compactum, Basket of Gold. Fragrant golden flowers in masses on low growing plants.

Price 15c per packet

Anchusa

Anchusa italica. Dropmore Variety. Rich dark blue flowers on tall spikes.

Price 15c per packet

Anemone

Anemone de Caen. French Anemone. These can be raised from seed sown early in fall. We have a superior strain.

Anemone St. Brigid. Double and semi-double form of the French anemone.

Price 25c per packet

Aquilegia (COLUMBINE)

Vastly improved strains of this daintily beautiful perennial, which grows equally well in the shade or partial sun. Easily raised from seed; planted in spring or summer it will bloom the following season.

Paul J. Howard's Long Spurred Blue Shades.
 Paul J. Howard's Long Spurred Pink Shades
 Paul J. Howard's Orange and Scarlet Shades.
 Paul J. Howard's Rose Queen,
 Paul J. Howard's Improved Long Spurred Hybrids.
 All of the lovely shades imaginable.

Price 25c per packet

Aubretia

A pretty plant for the rockery, or for borders.

Large Flowered Hybrids. Shades of blue and lavender.

Price 25c per packet

Begonia

Both the fibrous rooted (Bedding Begonias) and the tuberous rooted Begonias can be raised from seed, and will flower the same season. Plant the seed in flat boxes, in finely screened soil, and keep them covered with a pane of glass or muslin until the plants are up.

SEMPERFLORENS OR BEDDING BEGONIAS

Prima Donna. Clear pink.
Luminosa. Scarlet.
Albert Martin. Very large flowers, deep red.
Fireball. Dwarf crimson.

Price 25c per packet

TUBEROUS ROOTED BEGONIAS

Seed carefully selected from the finest type flowers.

Single Mixed.

Double Mixed.

Crispa. Frilled mixed.

Narcissus Flowered. Mixed.

Price \$1.00 per packet

Begonia Pendula Lloydii. Beautiful double flowers; plants of pendulous habit, fine for pots and hanging baskets. Splendid mixture of color.

Price \$1.00 per packet

English Daisy

Bellis perennis monstrosa. Rose, red, white and mixed.

Price 25c per packet

Cactus

All types and forms, very interesting, and quite readily raised from seed.

Price 25c per packet

Calceolaria

Hybrids Mixed. The finest strain. Elegant pot plants for greenhouse or conservatory.

Price 50c per packet

Bell Flower

Campanula Pyramidalis. White, blue, and mixed.

Price 15c per packet

Dusty Miller

Centaurea candidissima. Silvery foliage.

Price 15c per packet

Carnations

Chabaud's Giant Improved. The finest type that can be raised from seed. Cardinal red, crimson, white, deep rose, flesh pink, rose-pink, and mixed.

Price 25c per packet

Chrysanthemum

Chrysanthemum indicum. Early flowering, single, double and semi-double. Make most beautiful beds, in a wonderful range of colors.

Price 25c per packet

Coleus

Choice Hybrids Mixed. Beautiful foliage plant for pots or summer bedding.

Price 25c per packet

Coreopsis

Easily grown from seed

Lanceolata grandiflora. The popular golden yellow variety.
Double Yellow. A new form of the above with semi-double flowers.

Price 15c per packet

Auricula superba. Golden yellow with serrated band of brownish-red encircling the golden disc.

Price 25c per packet

Cyclamen

The best German type, of large flowered Cyclamen. Mixed.

Price 50c per packet

CALIFORNIA GARDENS, by W. S. Dobyms. Two hundred and twenty beautiful photographs illustrate the most interesting features of California's finest gardens, with text on landscape architecture and gardening as it is practiced here. \$5.00

THE GARDENER, by L. H. Bailey. Beginning with A and running through to Z, this book lists and tells how to plant and care for all the common flowers, vegetables, and fruits from the time they are planted through to maturity. Entries are cross-referenced and the book is unusually easy to use, 116 illus., 260 pages. \$2.00

Dahlia

CALIFORNIA GROWN PRIZE WINNING STRAINS

This seed is grown from strains which received a total of 21 first and 8 second prizes at Los Angeles and San Francisco Dahlia exhibitions in 1930.

Decorative and Cactus Types. From 45 newest and best exhibition varieties, including Decoratives, Hybrid Cactus, English and American cactus types.

Price 50c per packet

Show and Hybrid Show Mixed. Double, from newest and best varieties.

Price 25c per packet

Pompons. Saved from 15 leading and distinct varieties.

Price 25c per packet

Colarette. Saved from 23 separate varieties.

Price 25c per packet

Coltness Hybrids. A fine cutting and bedding variety. Single flowers in many brilliant colors on low growing, bushy plants.

Price 25c per packet

Delphinium

Extra select seed from the choicest improved varieties.

Belladonna. Clear light blue.

Bellamosum. Rich dark blue.

Gold Medal Hybrids. Choicest varieties mixed.

Price 25c per packet

Wrexham Hybrids. (Hollyhock Strain). Very large double flowers in all shades of blue, lavender and violet. Very tall growing; heavy spikes of flowers.

Flowerland Hybrids. A new strain with distinct habit of growth, producing tall plants with many graceful side sprays of large flowers. Splendid variety for cutting. The colors are most beautiful, including all shades of blue, some blended with delicate rose producing exquisite two-toned effects.

Price 50c per packet



Delphinium Wrexham Hybrid

Pinks

(DIANTHUS)

Dianthus plumarius. Fragrant Clove Pinks. Double and single varieties in a splendid mixture of colors.

Price 15c per packet

Foxglove

(DIGITALIS)

Digitalis gloxiniaeflora. Seeds of purple, rose and white.

Price 15c per packet

The Shirley. A very large flowered variety, in many beautiful, rich colors spotted with brown.

Price 25c per packet

Star Of The Veldt

Dimorphotheca eklonis. A valuable new perennial. See description in perennial plants section

Price 25c per packet

Gaillardia

Gaillardia grandiflora. Choice perennial varieties mixed.

Price 15c per packet

Dazzler. Maroon red, tipped golden yellow.

Tangerine. (New). Solid orange background overlaid with red.

Portola Hybrids. Shades of bronzy red golden tipped. Very robust. Mixed.

Price 25c per packet

Gerbera

(TRANSVAAL DAISY)

Hybrids. Beautiful large flowers in many new colors and shades.

Scarlet and Red Shades.

Price 25c per packet

THE BOOK OF PERENNIALS, by Alfred C. Hottes. The culture and requirements of over 125 species are discussed, giving a list of perennials suited for different locations and purposes. \$1.65





Hollyhock—Exquisite

Geum

Mrs. Bradshaw. Double scarlet.
Price 15c per packet

Lady Stratheden. Double golden yellow.
Price 25c per packet

Horned Poppy

Glaucium flavum. The showy orange, scarlet and yellow flowers are very striking as cut flowers. The foliage is deeply toothed and bluish-green. Grows best in a sunny location with a moderate amount of water.

Price 25c per packet

Gypsophila (BABY'S BREATH)

Gypsophila paniculata. White sprays for mixing in bouquets.
Price 15c per packet

Double Snow White. A beautiful double flowered variety.
Price 25c per packet

Helianthus

Helianthus augustifolia. Autumn Glory. A late autumn perennial; very tall growing, producing showers of golden yellow flowers with black centers. Very showy and fine for cutting or display in the garden.

Price 15c per packet

Heliotrope

Fragrant lilac and purple flowers. Choicest mixed seed from new varieties.

Price 15c per packet

Coral Bells

Heuchera sanguinea. Dainty coral colored flower spikes on compact little plants.

Price 25c per packet

Hibiscus

Rose Mallow. Finest mixed.

Price 15c per packet

Hollyhocks

Favorite tall growing perennials for old fashioned flower gardens.

Exquisite. Huge semi-double flowers in shades of red, maroon and purple with ruffled edges marked with white. A lovely new variety.

Price 25c per packet

Double English. We have this splendid strain in separate colors of chamois, deep rose, maroon, Newport pink, salmon-rose, scarlet, yellow, white, or in mixed colors.

Single. Maroon, mauve, pink, rose, scarlet, white, yellow and mixed.

New Dwarf Double. A splendid Hollyhock growing only three to four feet high. Mixed colors.

Price 15c per packet

Mexican Tulip Poppy

Hunnemannia fumariaefolia. Buttercup yellow.

Price 15c per packet

Blue Flax

Linum perenne. Graceful plants for rockery or perennial border. Sky blue flowers.

Price 15c per packet

Scarlet Lobelia

Lobelia cardinalis. Spikes of brilliant red flowers 18 to 24 inches high.

Price 15c per packet

Mimulus

(MONKEY FLOWER)

Queen's Prize. A beautiful large flowering variety in shades of yellow, pink, mahogany, etc. Beautifully and curiously spotted maroon.

Price 25c per packet

Mimulus moschatus. English musk.

Price 15c per packet



Nepeta

Nepeta mussini. Splendid for ground cover and border in the rock garden. Spikes of lavender flowers.
 Price 15c per packet

Pentstemon

These are highly improved strains with beautiful large flowers. *Carmine Shades*, *Red Shades*, *Violet Shades*, *Southgate Gem* (scarlet), *Sensation Strain*, a splendid mixture.
 Price 25c per packet

Phlox

Phlox decussata. A mixture of the finest varieties of hardy Phlox.
 Price 25c per packet

Chinese Lantern

Physalis franchetti. Decorative burnt orange, lantern-like pods.
 Price 15c per packet

Platycodon (BALLOON FLOWER)

Large flowered strain; blue and white.
 Price 15c per packet

Pyrethrum

Pyrethrum roseum. This is known in the Eastern states as painted daisy. Graceful daisy-shaped flowers. Single and double in a mixture of rose, red and light pink shades.
 Price 15c per packet

Poppy

Oriental poppy. Scarlet or mixed.
 Price 25c per packet

Iceland Poppy. (*Papaver nudicale*). Sunbeam mixed. A splendid strain.
 Price 15c per packet

DOUBLE RANUNCULUS FLOWERED

A beautiful novelty strain of Iceland Poppy in a wide range of colors.
 Price 25c per packet

Primrose

Primula chinensis. Chinese primrose. Clusters of large fringed flowers in all shades of pink, red, rose, lavender and white mixed.
 Price 50c per packet

Primula obconica. Pink and red shades. This makes a splendid pot plant as well as for planting out-doors.
 Price 50c per packet

Primula vulgaris. The true yellow English primrose.
 Price 25c per packet

Ranunculus

The French ranunculus can be successfully grown from seed planted in the early fall. We have an extra choice strain of double and semi-double flowers in a mixture of brilliant colors.
 Price 25c per packet

Rehmannia

Rehmannia angulata. This grows two to three feet high with bright rose bell-shaped flowers spotted with gold and brown in the throat.
 Price 25c per packet

Castor Bean (RICINUS)

Crimson Spire. New.
 Price 15c per packet

Sanguineus. Blood red.
Zanzibariensis. A tall variety with huge leaves.
Mixed Varieties.
 Price 10c per packet

Rudbeckia

Rudbeckia hirta. Black-eyed Susan. Bright golden yellow, daisy-shaped flower with a black center.
Rudbeckia purpurea. Purple cone flower.
 Price 25c per packet

Salvia

Salvia splendens. Scarlet Sage. A popular plant for bedding. Bonfire.
 Price 15c per packet

America. Globe of Fire. A greatly improved variety.
 Price 25c per packet

Salvia farinacea. Long spikes of lavender-blue flowers.
Salvia azurea grandiflora. Spikes of large, bright blue blossoms.
 Price 15c per packet

Salvia patens. Large pea-shaped flowers of deep rich blue.
 Price 25c per packet

Scabiosa

The Scabiosas are very satisfactory perennials, blooming throughout a great portion of the year and are splendid for cutting.

Scabiosa caucasica. Light blue.

New Giant Caucasica Hybrids. A vastly improved strain with large ruffled and fringed flowers in various shades of blue.

Scabiosa columbaria. A splendid variety from South Africa. Long lasting as a cut flower and very dainty. Pink, lavender and mixed.
 Price 25c per packet

Statice

Useful for perennial borders and the cut flowers make beautiful everlasting bouquets.

Statice perezii. Rich blue; large deep green leaves.

Statice latifolia. The leaves are longer and the flowers are lavender-blue in large sprays.
 Price 15c per packet

Statice caspia. Similar in growth to *latifolia*, but the flowers are tiny pale lavender on graceful stems. Splendid to mix with cut flowers.
 Price 25c per packet

Sweet William

Favorite old fashioned perennials. Separate colors. Crimson, scarlet, pink, turkey-red, white, and mixed.
 Price 15c per packet

Meadow Rue

Thalictrum dipterocarpum. A beautiful plant with maidenhair fern-like foliage. Bears tall stems crowned with beautiful sprays of mauve colored flowers with prominent creamy yellow stamens.
 Price 25c per packet

Tritoma

(RED HOT POKER)

Finest hybrids mixed. Will bloom the second year from seed, producing flowers in many shades of red, orange and yellow.
 Price 15c per packet

Valerian

Valeriana rubra. Sometimes called garden Heliotrope or Japanese Lilac. Very hardy with mauve-rose flowers in sprays.
 Price 15c per packet

Verbascum

Tall growing perennials with large leaves like the Foxglove. Planted with Delphinium they make a beautiful effect.

Miss Willmott. Creamy white, bell-shaped flowers.

Olympicum. Bright yellow flowers.
 Price 15c per packet

Seeds of Climbing and Trailing Vines



Ornamental Gourds

Early California gardens always had gourds growing over arbors, in patios, and other places where their curiously formed and often showy colored fruits produced a picturesque appearance. The fruit of the smaller varieties is very ornamental in dishes. We have the following varieties in separate packets.

Small Varieties Mixed. These are the best for dishes.

Turk's Turban. A curiously formed variety giving the appearance of a bright orange fruit crowned with a Turkish turban of green striped cream.

Dishcloth. The long fruit when dried is used for a dishcloth, after removing the outer coating or shell.

Calabash. The pipe gourd.

Mexican Bottle. A very interesting variety and makes a good bottle for table water.

Large Varieties Mixed. Containing endless odd and interesting shapes and colors.

Price 10c per packet

Australian Pea Vine

Very rapid growing with deep green foliage and clusters of flowers resembling a miniature Wistaria blossom. Lilac-pink.

Price 15c per packet

Everlasting Pea

(LATHYRUS LATIFOLIUS)

This is sometimes called a perennial Sweet Pea because it resembles a Sweet Pea excepting that the flowers are smaller. Pink Beauty, White Pearl, and Mixed.

Price 15c per packet

Pride of California

(LATHYRUS SPLENDENS)

The Sweet Pea-like flowers are brilliant rosy-red. This vine makes a brilliant show.

Price 25c per packet

Canary Bird Vine

Splendid vine for growing in window boxes, with buttercup yellow flowers of dainty appearance.

Price 15c each

Cardinal Climber

A pretty vine with Cypress-like foliage and tubular flowers flaring at the edge. Bright scarlet in color.

Price 15c per packet

Cathedral Bells

(COBAEA SCANDENS)

A rapid climbing tropical plant with large bell-shaped flowers in blue or white.

Price 25c per packet

Convolvulus

Convolvulus mauritanicus. Low growing vine or trailer. Fine as a ground cover in rockeries, hanging baskets, window boxes, etc. It bears masses of sky blue flowers like miniature Morning Glories.

Price 25c per packet

Hyacinth Bean

(DOLICHOS LABLAB)

A rapid growing vine with clusters of rosy-purple flowers.

Price 10c per packet

Japanese Hop Vine

Covers a trellis or arbor very rapidly with foliage variegated white and green.

Price 10c per packet

Kenilworth Ivy

(PINK ROCK IVY)

Valuable for pot and basket culture and makes a good ground cover in shady places. Glossy green foliage and small lavender-pink blossoms.

Price 15c per packet

Kudzu Vine

One of the most rampant growing vines of all. Has fragrant Wistaria-like flowers.

Price 10c per packet

VINE SEEDS—Continued

Mina Lobata

A graceful climbing vine for fences and trellises. Has large lobed leaves and tubular-shaped blossoms of bright scarlet and yellow.

Price 25c per packet

Moonflower (IPOMEA NOCTIFLORA)

Very large pure white Morning Glory-like flowers.

Price 15c per packet

Morning Glory

Japanese Giant Imperial Fancy Fringed. Beautiful fringed flowers in shades of blue, rose, and white mixed.
Heavenly Blue. Large sky blue flowers.

Price 15c per packet

Passion Vine (PASSIFLORA EDULIS)

Edible Fruited Passion Vine. Has glossy purple egg-shaped fruits. The flowers are lavender-blue, very showy, and the foliage is leathery, glossy green.

Price 15c per packet

Smilax

This is grown extensively for supplying long strands of green foliage.

Price 15c per packet

Black Eyed Susan (THUNBERGIA)

A small vine for pot and basket culture, and ground cover in sunny places. The flowers are in shades of yellow and orange with dark centers.

Price 10c per packet

Tools

We carry a complete line of garden tools of the highest quality and at low prices. Our stock contains many tools and articles for special purposes, not usually found at hardware or seed stores, such as Dandelion eradicators, long handled tree pruners, various kinds of lawn rakes, guns for applying liquid manure, French type watering pots, as well as digging forks, spades, hoes, rakes, spray pumps, lawn mowers, pruning shears, sprinklers, etc. We have the highest quality garden hose.

You will be interested in our imported cutlery made by a specialist who manufactures for European nurserymen and greenhouse men. The budding knives, flower shears, etc., are the finest made in the world. Many professional plantsmen will use no other kind.

Insecticides and Fungicides

We carry a most complete stock of the various materials for the prevention and control of diseases and garden pests. Each garden is an individual problem, so we will not list the many sprays and dusts, but are always glad to diagnose the plant diseases and to prescribe their proper treatment. Phone or call at our store for the information you need.

Antrol Products for Controlling Pests

The products of the Antrol Laboratories are the results of long scientific research and practical experience, and each is the most effective material made for the extermination of the particular pest for which it is prepared. Complete directions on each package.

Effective, Simple, Ready Prepared.

Antrol Ant and Roach Powder A New Product

for quick temporary relief from
Ants and Roaches

It kills them quicker. Ideal for use in apartments, summer or beach houses, camping, or whenever quick temporary protection is needed.



Large can (2 1/2 ounces) 15c

SOW BUG CONTROL

Kills sow bugs quicker.
Ready prepared for use.

1 1/2 Lb. Carton \$.50
5 Lb. Can \$ 1.60



ANTROL SETS

Consists of four containers
and four ounce bottle of syrup.

Price 85c

Antrol gets rid of ants permanently.

ANTROL CONTAINERS 12 1/2c each

Antrol Syrup
4 Ounce bottle, 35c
Pint bottle, 75c
Quart bottle, \$1.25
Gallon can, \$3.00



SNAROL

A ready prepared meal for ridding the garden of snails, slugs, cutworms, sowbugs, earwigs, and grasshoppers. Effective, inexpensive, and not impaired by rains or sprinkling.

New Larger Packages

Prices: 1 1/2 Lbs. \$.35	15 Lb. Bags \$2.50
4 Lbs. .75	50 Lbs. Bags 7.00

FERTILIZERS

Proper applications of the correct fertilizers at least twice a year is essential to the well kept garden. We have a complete line of the best lawn and garden fertilizers and will gladly give information about the correct kind to use for your particular soil and plant needs.

We supply the fertilizer needs of hundreds of homes and estates, and many private and professional gardeners depend upon us for their supply of fertilizers and for information upon its use. The great volume of fertilizer business which we thus do enables us to buy at the lowest market prices, making it very advantageous to our customers to purchase their fertilizers from us.

There are so many different grades of every type of fertilizer that it is often very difficult for the gardener to know when he is obtaining the full amount of plant food for each dollar expended. We have made years of study about various fertilizers and know that the highest quality materials are the most economical. You can depend upon fertilizer purchased from Paul J. Howard's to be of the highest quality obtainable.

Fertilizer prices are now the lowest we have known them for many years, but they are so subject to market fluctuations that we are unable to quote price in this catalog, but will gladly furnish prices upon application.

Following is a brief outline of some of the most generally used fertilizers:

Ammonium Sulfate. A chemical fertilizer high in nitrogen content. Valuable for obtaining quick growth.

Bandini Steer Manure. A decidedly superior grade of manure, from cattle fed on cottonseed-meal. Free from weed seed and carefully aged and processed to retain a high analysis. There are many inferior grades of so-called steer manure offered. We have found no other which contains as much plant food.

Blood Meal. For many soils this is the best source of nitrogen.

Bone Meal. Supplies phosphoric acid needed to increase the production of fruit and flowers. An excellent fertilizer for roses.

Cottonseed Meal. Some gardeners use this on lawns; not to be recommended for most soils.

Cow Manure. A best grade of stockyard fertilizer thoroughly processed for best results.

Fish Meal. A good fertilizer for nearly all crops. Sardine meal of the highest analysis.

Gro-Rite. A high grade, low priced commercial fertilizer consisting of a well balanced mixture of organic and inorganic materials.

Gypsum. A form of lime valuable for correcting acidity and for loosening heavy soils.

Leaf Mold. The best quality of pure oak-leaf mold.

Lime. Agricultural (hydrated) lime for sweetening acid soils.

Nitrate of Soda. Furnishes nitrogen in a quickly available form.

Peat Humus. (Black Peat). A good material for supplying humus needed in many soils.

Peat Moss. (German). An ideal material for use as a soil improver, as a mulch, and as a medium for propagation and for storage of bulbs and roots. It loosens heavy adobe soils and adds needed organic matter to light and sandy soils.

A mulch or peat-moss is exceedingly beneficial, and if applied thickly enough it keeps down weed growth reducing to a large degree labor incident to garden operations.

Packed in bales, or in sacks.

Plantabs. A concentrated fertilizer prepared in tablet form especially for ferns and other potted plants.

Sand. Washed sharp sand, put up in sacks.

Sheep Manure. A particularly good manure, free from weed seed.

Shell Lime. Obtained from old deposits of shell.

Soil. We prepare soil especially for potting, putting it up in sacks. Convenient, and properly blended.

Sulfur. Toro brand soil sulfur.

Superphosphate. Furnishes an element in which many soils are deficient.

Tobacco Stems. High quality, from which none of the nicotine content has been extracted. Valuable as a mulch, and repels many garden pests.

THE LITTLE VIGORO SPREADER

A new Gardening Aid

Spreads Vigoro, grass seed and other materials at a great saving in time and labor. Weight 6 lbs. —has 14 inch spread.

Price \$2.35



100-lb. Bag...\$ 6.00 25-lb. Bag...\$ 2.00
 50-lb. Bag...\$ 3.75 5-lb. Pkg...\$.60
 12-oz. Pkg...\$.10

F.O.B. LOS ANGELES

For Gardening Success

Select good seed, bulbs, and plants, and feed everything you grow with Vigoro, the complete, balanced plantfood. Vigoro contains every element necessary to produce velvety-green lawns; large, richly colored flowers, full-foliaged shrubs, and trees; early, delicious vegetables. It is "the square meal for all plants."

Clean, odorless, and economical. Vigoro is easy to use. Simple directions for feeding everything you grow accompany every bag or package. Vigoro is used annually on 3,000,000 homes. We recommend it.

VIGORO

Complete plant food

A Product of Swift & Company



Please Observe When Ordering

HOW TO ORDER:

Write plainly your name, town, and state, giving street numbers or post office when expedient.

TERMS:

All prices in catalogue are F. O. B. Los Angeles. Seeds will be sent prepaid at catalog prices.

NOTE: In ordering bulbs shipped by Parcel Post, please enclose additional postage at the following rate, unless listed postpaid: 10c for a dozen bulbs, 20c for fifty bulbs, and 30c for 100 bulbs.

All plants are shipped Express collect, and all orders must be cash. No plants will be sent C. O. D. Remit in any safe way—Post Office Money Order, Express Order or personal check on local banks are best. Postage Stamps will be accepted in amounts up to one dollar.

In applying prices, not less than six will be sold at the dozen rate, fifty at the hundred rate, or 500 at the 1000 rate. All goods travel at purchaser's risk and at purchaser's expense unless otherwise listed.

NON-WARRANTY:

We give no warranty expressed or implied as to purity, description, quality, productiveness or any other matter of any Seeds, Bulbs, or Plants we send out, and we will not be in any way responsible for the crop. If purchaser does not accept the goods on these terms, they are to be at once returned, and the money paid for same will be refunded.

FILLING ORDERS:

All orders are filled promptly, usually on the day of receipt.

In ordering, please state whether substitution will be permitted as we feel at liberty, when no instructions accompany the order, to replace any variety out of stock with others as nearly similar as possible. When a certain variety is selected which we feel not suited to the customer's locality, or when a variety has been superseded by another which is superior, we also feel at liberty to substitute.

Books for Better Gardens

The ones we have selected are adaptable to California conditions. They are supplied at the Publisher prices, with no additional charge for mailing.

THE BOOK OF BULBS, by F. F. Rockwell. With this complete and practical book you can get the utmost in beauty from every kind of bulbous plant. Clearly written by one who knows; illustrated with 187 beautiful photographs and instructive drawings. The best and most complete bulb book. 187 illus., 264 pages. \$2.00

THE CACTUS BOOK, by Dr. A. D. Houghton. This book tells you how to grow them outdoors or indoors; how to raise from seed, hybridize, make cuttings and grafts, and everything else connected with successful cacti growing. 18 illus., 145 pages. \$2.25

OUR NATIVE CACTI, by Ethel Bailey Higgins. Describes the many species native to the United States, their uses and culture; how to make and maintain a cactus garden. 180 pages, 100 illustrations, some in color. \$2.50

HORTUS: A CONCISE DICTIONARY OF GARDENING, by L. H. and Ethel Z. Bailey. This great book comes closer than any other single volume to answering every question about gardening. All botanical terms are defined, and the book is so conveniently arranged and compressed that it is marvelously easy to handle. 35 illus., 652 pages. \$10.00

MANUAL OF TROPICAL AND SUBTROPICAL FRUITS, by W. Popenoe. Delicious fruits from the warm regions are attracting more attention every year. This book gives the results of the latest research and practical experience in the cultivation of fruits like the avocado, cherimoya, loquat, jujube, sapote, mango, guava, and others less well-known but worthy of attention. 87 illustrations, 474 pages. \$4.50

ADVENTURES IN DISH GARDENING, by Patten Beard. All who love plants will appreciate this charmingly written book, 220 pages, 4 color plates, 65 half tones. \$2.50

THE STANDARD CYCLOPEDIA OF HORTICULTURE, edited by L. H. Bailey. This is the one universal and invaluable authority on every horticultural question. Makes a compact but thorough presentation of the kinds, characteristics and methods of cultivation of the plants grown in the United States and Canada for ornament, for fancy, for fruit, and for vegetables. 5,000 illustrations, 3,637 pages, 3 volumes. \$25.00

THE HOME GARDEN HANDBOOKS, by F. F. Rockwell. A series of pocket size books, now eight in number, that it is a pleasure for us to recommend because each volume covers its ground so well and concisely. Use them when your seeds or plants arrive; they will show you how to prepare the soil, plant the seed, or transplant. Carry them out to the garden when you cultivate, prune and fertilize, they will save you many steps and help you avoid disappointments. Each volume has from 30 to 70 illustrations and contains about 90 pages. Strong cloth binding, four-color jackets. Price \$1.00 per volume. The titles now published are:

Rock Gardens	Gladiolus	Evergreens
Dahlias	Roses	Shrubs
Irises		Lawns

HOW TO GROW ROSES, by Robert Pyle and others. It gives practical advice on how to use roses in the garden and around the home, how to buy them, locate the beds, prepare the ground, plant, label, care for in summer, fight pests, protect in winter, prune, and select types and varieties. 138 illus. (45 in color), 211 pages. \$2.00

THE PRUNING MANUAL, by H. Bailey. Instructions on just how and when to prune trees, shrubs and vines. Explains the physical structure of plants, their habits of growth, methods of flower and fruit bearing and how pruning can be fitted intelligently to these. 381 illustrations, 400 pages. \$2.50

INDEX

Name	Page	Name	Page	Name	Page	Name	Page	Name	Page
A		Cathedral Bells	76	Fringe Tree	51	Meadowrue	31, 75	Raspberry	39
Abelia	41	Ceanothus	43	Fuchsia	45	Melia	55	Red Hot Poker	32, 75
Aecia	53	Cedar	53			Melaleuca	47	Redwood	54
Acanthus	24	Cedrus	53	G		Mignonette	67	Rehmannia	75
Acer	55	Celosia	35, 64	Gaillardia	11, 27, 66, 73	Milfoil	24	Rhamnus	49
Achillea	24	Centaurea	26, 65, 72	Gayfeather	28	Mimulus	74	Rhodanthe	68
Aconitum	24	Cerastium	53	Gazania	27	Mina	77	Rhododendron	48
Acroclitum	62	Cestrum	41	Genista	45	Mockorange	49	Rhus	48
Agathea	24, 27, 72	Chamaecyparis	53	Geranium	16, 17	Monkeyflower	74		
Ageratum	34, 62	Cherimoya	36	Gerbera	14, 27, 73	Monk's Hood	77	S	
Ajuga	25	Cherry	38	Geum	27, 74	Moonflower	67	Sage	30, 75
Almond	38	Chinese Lantern	75	Gingko	55	Moonpod	67	Saintpaulia	59
Alternanthera	25	Chionanthus	51	Glaucium	61, 74	Morning-Glory	77	Salix	55
Alyssum	25, 62, 72	Choisya	43	Globe Amaranth	66	Morus	55	Salpiglossis	35, 69
Amaranthus	62	Chorizema	43	Gloves	52	Mosquito Vine	12	Salvia	30, 75
Ampelopsis	57	Christmas Berry	51	Gloxinia	33	Mulberry	55	Sand Wort	25
Anchusa	25, 72	Chrysanthemum	18-21	Godetia	66	Muehlenbeckia	57	Sansevieria	59
Anemone	11, 72	Cineraria	31, 60, 65, 72	Godelinglow	30	Myosotis	29, 68	Santolina	30
Antigonon	57	Cistus	26, 34, 65	Gomphrena	66	Myrtle	47	Saxifraga	36
Antirrhinum	61, 62	Clarkia	43	Gourds	76	Myrtus	47	Scabiosa	31, 60, 69, 75
Antrol	77	Clematis	57	Grape	39			Schinus	54
Apple	38	Cobaea	76	Grapefruit	37	N		Schizanthus	69
Apricot	38	Cockscomb	35	Grevillea	45, 53	Nandina	47	Sea Holly	27
Aquilegia	25, 72	Coleus	59, 72	Gypsophila	66, 74	Nasturtium	68	Sedum	30
Arabis	25	Columbine	24			Natal Plum	41	Seceio	31
Arbor-vitae	54	Cone Flower	30	H		Nectarine	39	Sequoia	54
Arbutus	41	Convolvulus	76	Hakea	46	Nemesia	68	Smilax	31, 77
Arcototis	62	Coprosma	43	Hardenbergia	57	Nemophila	68	Snapdragon	61, 62
Arenaria	25	Coral Bells	28	Heather	44	Nepeta	29, 75	Snarol	77
Armeria	25	Coral Plant	48	Hedera	57	Nerium	47	Snowball	52
Artichoke	39	Coreopsis	26, 72	Helianthus	28, 74	Nicotiana	68	Snow-on-the-Mountain	66
Ash	55	Cornflower	65	Heliotrope	12, 74	Nigella	68	Solandra	57
Asparagus	39	Cornus	43	Helenium	27	Night Blooming		Solanum	57
Aster	10, 34, 60, 63	Coronilla	43	Heuchera	28, 74	Jasmine	41	Sollya	48
Aubretia	72	Cosmos	34, 65	Hibiscus	46, 74			Spiraea	50
Aueuba	41	Cotoneaster	43	Holly	46	O		Spruce	54
Auricula	15	Crabapple	55	Hollyhock	12, 28, 74	Oak	54	Star-of-the-Veldt	12, 61
Avocado	38	Cup of Gold	57	Honeysuckle	57	Oenothera	29		
Azalea	50	Cupressus	53	Hop	76	Olea	47	Statice	31, 35, 70, 75
Azara	41	Cyclamen	72	Hummingbird Bush	45	Oleander	44	Sterculia	54
		Cydonia	49	Hunemannia	28	Olive (sweet)	47	Stevia	70
B		Cynoglossum	65	Hyacinth Bean	76	Orange	37	Stocks	70
Baby Blue Eyes	68	Cypress	53	Hydrangea	46, 50	Osmanthus	47	Strawberry	39
Baby's Breath	66			Hypericum	46	Osteomeles	47	Strawberry Tree	41
Balloon Flower	75	D		I		P		Strawflower	67
Balsam	63	Dahlia	22, 23, 73	Ilex	46	Palm	59	Strelitzia	58
Baptisia	25	Daisy	12, 14, 25, 26, 27	Immortelle	62	Palo Verde	54	Streptosolen	48
Beefwood	53			Iochroma	46	Pandanus	59	Sunflower	28
Begonia	25, 33, 72			Ipomea	77	Pansy	61, 68	Sunrose	28
Bellflower	26, 72			Ivy	57	Papaver	29	Sweet Peas	71
Bellis	25, 72	Daphne	45	J		Parkinsonia	54	Sweet Shrub	30
Berberis	47	Delphinium	26, 66, 73	Jaearanda	54	Passiflora	77	Sweet William	26, 35, 75
Berries	39	Deutzia	49	Jaebobinia	46	Passion Vine	77	Sweet Wivelsfield	35
Betula	55	Dianthus	26, 35, 66, 73	Jasmine	57	Peach	39	Sycamore	55
Bignonia	57	Didiscus	66	Juniper	54	Pear	39	Syringa	49
Bireh	55	Digitalis	26, 73	Jujube	39	Pelargonium	17		
Bird of Paradise	58	Dimorphotheea	12, 61	K		Pentstemon	29, 75	T	
Black-Eyed Susan	30, 77			Kenilworth Ivy	28, 76	Pepper Tree	54	Tamarix	50
Books	3, 11, 17, 37	Diosma	44	Kerria	50	Periwinkle	11, 32	Tangerine	37
	42, 45, 71, 72, 73, 79	Dogwood	43	Kudzu Vine	76	Persimmon	39	Taxus	54
Bottle Brush	41	Dolichos	76	L		Petunia	35, 69	Thalictrum	31, 75
Bottle Tree	34	Dombeya	44	Laceflower	66	Philadelphus	49	Thrift	25
Bougainvillea	57	Doronicum	26	Lagerstroemia	50	Philodendron	59	Thunbergia	77
Bouvardia	41	Dracaena	59	Lagunaria	46	Phlox	13, 69	Thyme	32
Boxwood	41	Duranta	44	Lantana	46	Photinia	51	Tidy Tips	67
Brachycome	63	Dusty Miller	26, 72	Larkspur	61, 67	Physalis	75	Tithonia	61
Breath of Heaven	44			Lathyrus	57, 76	Physostegia	47	Trachelium	32
Bridal Wreath	50	E		Laurel	47	Pilea	54	Tradescantia	32
Broom	45	Eehium	27	Laurocerasus	47	Pimelia	47	Tritoma	12, 32, 75
Browallia	63	Eleagnus	44	Laurus	47	Pine	54	U	
Buddleia	41	Elm	55	Laurustinus	48	Pink	75	Ulmus	55
Bugle Plant	25	Erica	44	Lavender	28	Pine	73	Umbrella Tree	55
Butterfly Bush	41	Erigeron	27	Layia	37	Pittosporum	47	V	
Butterfly Flower	41	Eryngium	27	Lemon	67	Platanus	55	Valeriana	32, 75
Buxus	69	Escallonia	44	Leonotis	46	Platyedon	29, 75	Verbascum	75
		Eschscholtzia	60, 64	Leptospermum	46	Pleroma	48	Verbena	17
C		Eucalyptus	53	Liatris	28	Plum	39	Veronica	32, 48
Cactus	72	Eugenia	44	Libonia	46	Plumbago	57	Viburnum	48, 52
Caleolaria	72	Euonymus	44	Ligustrum	46	Polyanthus	15	Vinca	11, 32
California Wildflowers	64	Eupatorium	27	Lilac	43, 52	Polygala	48	Viola	32
Calendula	63	Euphorbia	66	Lime	37	Pomegranate	48, 50	Violet	32
Calliopsis	64	Evening Primrose	29	Linaria	28, 66	Poplar	55	Viscaria	70
Callistemon	41	Evergreen Grape	58	Linum	28, 66, 74	Poppy	28, 29, 60, 61	Vitex	51
Calycanthus	50	Everlasting Pea	76	Liriodendron	55		64, 69, 75	Vitis	58
Camellia	42			Lobelia	28, 67, 74	Portulaca	69	Vittadena	32
Campanula	26, 64, 72	F		Lonicera	47, 57	Fride of California	57, 76	W	
Camphor	53	Fabiana	45	Lopezia	12	Primrose	15, 69, 75	Wallflower	32
Canarybird Vine	76	Feijoa	36, 45	Loquat	36	Primula	15, 69, 75	Walnut	39
Candytuft	64	Felicia	27	Lotus	28	Prune	39	Wandering Jew	32
Canna	23	Fern	59	Love-in-a-mist	68	Prunus	48, 55	Weigelia	51
Canterbury Bell	26, 64	Fertilizer	78	Lunaria	67	Psidium	36	Willow	55
Cantua	41	Fleus	57	Lupine	29, 67	Punica	48, 50	Windflower	11
Cardinal Climber	76	Fig	39	M		Pyracantha	48	Wisteria	52, 58
Carissa	41	Firethorn	48	Maidenhair Tree	55	Pyrethrum	30, 75	X	
Carnation	13, 26, 72	Flax	28, 74	Magnolia	51, 54	Q		Xeranthemum	70
Carolina Cherry	47	Flossflower	34, 62	Mahonia	54	Queen's Wreath	57	Y	
Carob	53	Forget-Me-Not	29, 68	Malus	55	Quereus	54	Z	
Cassia	43	Forsythia	49	Mandevillea	57	Quince	39, 49	Yew	54
Castor Bean	75	Four o'Clock	68	Marguerite	59	R		Z	
Casuarina	53	Foxglove	26, 73	Marguerite	29	Ranunculus	30, 75	Zinnia	35, 70
Catalina Cherry	48	Fragaria	27	Marigold	63, 68	Raphiolepis	48	Ziziphus	39
Catalpa	55	Fraxinus	55						



New Double Sweet Scented Nasturtium
"GOLDEN GLEAM"

This is a novelty of great merit. As shown in the color plate, the flowers are double and beautifully formed, rich golden yellow in color. They average from two and one-half to three inches across and are carried on erect stiff stems, six inches in length, holding the flowers, which are freely produced over the entire plant, well above the foliage, producing a blaze of color. The flowers are very fragrant, and a bouquet of them will fill the entire room with their spicy odor.

The plant forms a vigorous bush of semi-trailing habit, and is a splendid subject for pots and window boxes where they produce a solid sheet of bright color.

Price 25c per packet

PAUL J. HOWARD'S
HORTICULTURAL ESTABLISHMENT

250 South La Brea Avenue
LOS ANGELES, CALIF.



New Polyantha Rose
"Gloria Mundi"